

HOME

Welcome to the CSU, Dominguez Hills, 2024-2025 University Catalog.

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GENERAL INFORMATION

Policy

Each year, Student Academic Services – on behalf of the Office of the Chancellor – coordinates the review and updating of the *CSU Mandatory Catalog Copy*. California State University's are required to include this copy in all paper and electronic campus catalogs as well as on web pages in which these topics are extensively presented.

The *CSU Mandatory Catalog Copy* for academic year 2023-2024 is provided beginning in Section I. The information has been reviewed and approved for publication by Academic and Student Affairs, Budget Office, General Counsel, Human Resources and Public Affairs in the Office of the Chancellor. A mark-up copy is also attached showing the changes from the *CSU Mandatory Catalog Copy* for academic year 2022-2023 for your reference.

If you have questions about the mandatory catalog copy, please feel free to contact Dr. April Grommo, Assistant Vice Chancellor, Enrollment Management Technology, by telephone at (562) 951-4082 or by email at agrommo@calstate.edu, or Liz Reed, Assistant Director, Enrollment Management Technology, by telephone at (562) 951-4082 or by email at ereed@calstate.edu.

Authority

This policy is issued pursuant to Section II of the Standing Orders of the Board of Trustees of the California State University as further delegated by the Standing Delegations of Administrative Authority. The president may delegate authority and responsibility described in this policy to other campus officials pursuant to Section VI of the Standing Orders of the Board of Trustees of the California State University.

History

California State University, Dominguez Hills (CSU Dominguez Hills) is located on the historic Rancho San Pedro, the oldest Spanish land grant in the Los Angeles area. Its 346-acre campus was in the continuous possession of the Dominguez family through seven generations, from its concession to Juan Jose Dominguez in 1784 to its acquisition by the people of the state for the University.

The Legislature of the state of California authorized the establishment of this University in 1960, and the first students were enrolled in the fall of 1965. The Campus is strategically located in the heart of a major technological, industrial and transportation complex. Moreover, it is central in a population that is international and multiethnic; cultural pluralism is a major characteristic of the University. At the same time, there is a continuing focus on the Hispanic heritage of California.

University Mission

We provide education, scholarship and service that are, by design, accessible and transformative. We welcome students who seek academic achievement, personal fulfillment, and preparation for the work of today and tomorrow.

Our Vision

A vital educational and economic resource for the South Bay, CSU Dominguez Hills will be recognized as a top-performing Comprehensive

Model Urban University in America. By 2015, we will be known as a campus community and gathering place where:

- Diversity in all its forms is explored, understood, and transformed into knowledge and practice that benefits the world.
- Technology is embraced and leveraged to transcend educational boundaries as we reach out to students, both locally and globally.
- Sustainable environmental, social, and economic practices are a way of life.
- Students from our community who aspire to complete a college degree are provided the pathway and guidance to succeed.
- Faculty and staff across the University are engaged in serving the dynamic needs of the surrounding communities.
- Student life is meaningful and vibrant.
- Our accomplishments and those of our alumni are recognized nationally and internationally.
- Ultimately, our students graduate with an exemplary academic education, a highly respected degree, and a genuine commitment to justice and social responsibility.

University Core Values

The following core values are fundamental to our success:

- **Accountability.** We recognize and live up to our responsibility to our students, campus resources and finances, staff, faculty alumni, supporters, and the community at large.
- **Collaboration.** All segments of the campus community work together to support our vision as well as our students' success.
- **Continuous Learning.** We strive to continually improve teaching, scholarship and service.
- **Rigorous Standards.** We identify, implement and support excellence in all our practices.
- **Proactive Partnerships.** We actively engage with our communities and its members to promote educational opportunities and excellence for our students.
- **Respect.** We celebrate and respect diversity in all forms.
- **Responsiveness.** We are here to serve the needs of students, this community and society.

The California State University

The California State University (CSU) is the nation's largest and most diverse four-year public university. With 23 unique universities and seven off-campus centers, the CSU serves more than 450,000 students and employs more than 63,000 faculty and staff.

Each year, the university awards nearly 127,000 degrees, changing the trajectory of students' lives by opening doors to opportunities for upward mobility. Nearly one-third of CSU students are the first in their families to attend college and more than half of CSU students are from traditionally underrepresented backgrounds.

For one of the most affordable tuitions in the country, students learn from world-class faculty, gain valuable hands-on experiences and receive strong career advising, empowering them to become leaders in the changing workforce.

CSU graduates are serving as leaders in the industries that drive California's economy, including business, agriculture, entertainment,

engineering, teaching, hospitality, and health care. To learn more, visit the California State University website (<http://www.calstate.edu>).

A Tradition of Excellence for More than Six Decades

Since 1961, the CSU has provided an affordable, accessible and high-quality education to millions of Californians. While each university is unique based on its curricular specialties, location and culture, every CSU is distinguished for the quality of its educational programs. All CSUs are fully accredited, provide a high-quality broad liberal educational program and offer opportunities for students to engage in university life through the Associated Students, Inc., clubs and service learning.

Facts

- Today, one in every 20 Americans with a college degree is a CSU graduate.
- 1 in every 10 employees in California is a CSU graduate.
- The CSU's network of more than 4 million alumni is larger than the population of 23 U.S. states.
- The CSU awards nearly half of the bachelor's degrees earned in California.
- The CSU awards more than one-quarter of California's baccalaureate nursing degrees.
- Between 2017 and 2022, the CSU prepared more of California's teachers than any other state institution.
- About four percent of the nation's teachers graduate from the CSU.
- In 2022-23, CSU students earned nearly 20,000 undergraduate business degrees and more than 7,300 engineering degrees.
- The CSU offers more than 4,000 degree programs that align with the state's workforce demands.
- The CSU's online concurrent enrollment program gives students the ability to enroll in courses offered by other universities in the CSU system.
- Through CSU community engagement centers, 33,765 students participated in service-learning, contributing more than 656,000 hours of service in 2022-23.

Governance

The CSU is governed by the Board of Trustees, most of whom are appointed by the governor and serve with faculty and student representatives. The CSU Chancellor is the chief executive officer, reporting to the board. The presidents serve as the university-level chief executive officers. The trustees, chancellor and presidents develop university-wide educational policy. The presidents, in consultation with the CSU Academic Senate and other university stakeholder groups, render and implement local policy decisions.

CSU Historical Milestones

The individual California State Colleges were established as a system with a Board of Trustees and a chancellor in 1960 by the Donahoe Higher Education Act. In 1972, the system was designated as the California State University and Colleges, and in 1982 the system became the California State University (CSU). Today, the CSU is comprised of 23 member universities, including comprehensive and polytechnic universities and, since July 1995, the California State University Maritime Academy, a specialized university.

The oldest university—San José State University—was founded in 1857 and became the first institution of public higher education in California. The newest—California State University Channel Islands—opened in fall 2002, with freshmen arriving in fall 2003. And in 2022, the CSU in Humboldt became California State Polytechnic University, Humboldt, joining San Luis Obispo and Pomona as the state's third public polytechnic university.

In 1963, the CSU's Academic Senate was established to act as the official voice of CSU faculty in university-wide matters. Also, the California State College Student Presidents Association—which was later renamed the California State Students Association (CSSA), was founded to represent each university student association on issues affecting students.

Through its many decades of service, the CSU has continued to adapt to address societal changes, student needs and workforce trends. While the CSU's core mission has always focused on providing high-quality, affordable bachelor's and master's degree programs, over time the university has added a wide range of services and programs to support student success – from adding health centers and special programs for veterans to building student residential facilities to provide a comprehensive educational experience.

In 2010, in an effort to accommodate community college transfer students, the CSU, in concert with the California Community Colleges (CCC), launched the Associate Degree for Transfer (ADT), which guarantees CCC transfer students with an ADT admission to the CSU with junior status. The ADT has since proven to be one of the most effective paths to a CSU for community college transfer students. In 2023, the CSU launched the Transfer Success Pathway program to guarantee future CSU admission to high school graduates who are entering a California community college and who commit to transferring within three years.

Always adapting to changes in technology to support student learning and degree completion, the CSU launched CSU Fully Online, which enables CSU students to complete online courses at other CSUs, expanding enrollment opportunities and providing more educational opportunities for students who may prefer an online format to a traditional classroom setting.

The CSU marked a significant educational milestone when it broadened its degree offerings to include professional doctoral degrees. The CSU independently offers Doctor of Education (Ed.D.), Doctor of Physical Therapy (DPT), Doctor of Audiology (AuD), Doctor of Nursing Practice (DNP) and Doctor of Occupational Therapy (OTD) degree programs. Additionally, the CSU was recently authorized to offer the independent Doctor of Public Health (DrPH). A limited number of other doctoral degrees are offered jointly with the University of California and private institutions in California.

The CSU strives to continually develop innovative programs, services and opportunities that will give students the tools they need to meet their full potential. In 2015, the CSU system launched Graduation Initiative 2025, a bold plan to support students, increase the number of California's graduates earning high-quality degrees and eliminate achievement and equity gaps for all students. Through this initiative, the CSU is ensuring that all students have the opportunity to graduate according to their personal goals, positively impacting their lives, families and communities.

By providing an accessible, hands-on education that prepares graduates for career success, the CSU has created a network of alumni so extensive and renowned that it spans across the globe. More than 4 million CSU

alumni are making a difference in the lives of the people of California and the world.

Trustees of the CSU

Ex Officio Trustees

The Honorable Gavin Newsom
Governor of California

The Honorable Eleni Kounalakis
Lieutenant Governor of California

The Honorable Robert Rivas
Speaker of the Assembly

The Honorable Tony Thurmond
State Superintendent of Public Instruction

Dr. Mildred García
Chancellor, California State University

Officers of the Trustees

The Honorable Gavin Newsom - President

Wenda Fong - Chair

Jack B. Clarke Jr. - Vice Chair

Andrew Jones - Secretary

Steve Relyea - Treasurer

Appointed Trustees

Appointments are for a term of eight years, except for student, alumni, and faculty trustees whose terms are for two years. Terms expire in the year in parentheses. Names are listed alphabetically.

- Larry L. Adamson (2026)
- Diana Aguilar-Cruz (2024)
- Diego Arambula (2028)
- Raji Brar (2029)
- Jack B. Clarke, Jr. (2027)
- Douglas Faigin (2025)
- Jean P. Firstenberg (2026)
- Wenda Fong (2024)
- Mark Ghilarducci (2031)
- Leslie Gilbert-Lurie (2030)
- Lillian Kimbell (2024)
- Julia I. Lopez (2028)
- Jonathan Molino Mancio (2025)
- John "Jack" McGrory (2023)
- Anna Ortiz-Morfit (2025)
- Yammilette Rodriguez (2029)
- Lateefah Simon (2027)
- Christopher J. Steinhauser (2026)
- Jose Antonio Vargas (2030)
- Darlene Yee-Melichar (2025)

Correspondence with Trustees should be sent to:

c/o Trustees Secretariat

The California State University
401 Golden Shore
Long Beach, California 90802-4210

Office of the Chancellor

The California State University
401 Golden Shore
Long Beach, California 90802-4210
(562) 951-4000

- Dr. Mildred García – Chancellor
- Mr. Steve Relyea – Executive Vice Chancellor and Chief Financial Officer
- Mr. Andrew Jones – Executive Vice Chancellor, General Counsel
- Ms. Leora D. Freedman – Vice Chancellor, Human Resources
- Mr. Vlad Marinescu – Vice Chancellor and Chief Audit Officer
- Mr. Greg Saks – Vice Chancellor, External Relations and Communications
- Dr. Nathan Evans – Deputy Vice Chancellor, Academic and Student Affairs, Chief Academic Officer
- Dr. Dilcie Perez – Deputy Vice Chancellor, Academic and Student Affairs, Chief Student Affairs Officer
- Ms. Danielle Garcia - Associate Vice Chancellor and Chief of Staff, Executive Office
- Ms. Michelle Kiss – Associate Vice Chancellor and Chief of Staff, Board of Trustees
- Ms. Jessica Darin – Associate Vice Chancellor, Strategic Executive Initiatives

The California State University System

California State University, Bakersfield

9001 Stockdale Highway
Bakersfield, CA 93311-1022
Dr. Vernon B. Harper, Jr. Interim President
(661) 654-2782
CSU Bakersfield Website (<http://www.csub.edu>)

California State University, Channel Islands

One University Drive
Camarillo, CA 93012
Dr. Richard Yao, President
(805) 437-8400
CSU Channel Islands Website (<http://www.csuci.edu>)

California State University, Chico

400 West First Street
Chico, CA 95929
Dr. Stephen Perez, President
(530) 898-4636
Chico State Website (<http://www.csuchico.edu>)

California State University, Dominguez Hills

1000 East Victoria Street
Carson, CA 90747
Dr. Thomas A. Parham, President
(310) 243-3696
CSU Dominguez Hills Website (<http://www.csudh.edu>)

California State University, East Bay

25800 Carlos Bee Boulevard
Hayward, CA 94542

Dr. Cathy A. Sandeen, President
(510) 885-3000
Cal State East Bay Website (<http://www.csueastbay.edu>)

California State University, Fresno

5241 North Maple Avenue
Fresno, CA 93740
Dr. Sául Jiménez-Sandoval, President
(559) 278-4240
Fresno State Website (<https://www.fresnostate.edu>)

California State University, Fullerton

800 N. State College Boulevard
Fullerton, CA 92831-3599
Dr. Sylvia A. Alva, Interim President
(657) 278-2011
Cal State Fullerton Website (<http://www.fullerton.edu>)

California State Polytechnic University, Humboldt

1 Harpst Street
Arcata, CA 95521-8299
Dr. Tom Jackson, Jr., President
(707) 826-4402
Cal Poly (<https://www.humboldt.edu>) Humboldt Website (<http://www.humboldt.edu>)

California State University, Long Beach

1250 Bellflower Boulevard
Long Beach, CA 90840-0115
Dr. Jane Close Conoley, President
(562) 985-4111
Cal State Long Beach Website (<http://www.csulb.edu>)

California State University, Los Angeles

5151 State University Drive
Los Angeles, CA 90032
Dr. Bereneccea Johnson Eanes, President
(323) 343-3000
Cal State LA Website (<http://www.calstatela.edu>)

California State University, Maritime Academy

200 Maritime Academy Drive
Vallejo, CA 94590
Navy Reserve Vice Admiral Michael J. Dumont, Interim President
(707) 654-1000
Cal Maritime Website (<http://www.csum.edu>)

California State University, Monterey Bay

100 Campus Center
Seaside, CA 93955-8001
Dr. Vanya Quiñones, President
(831) 582-3000
CSU Monterey Bay University (<http://www.csumb.edu>)

California State University, Northridge

18111 Nordhoff Street
Northridge, CA 91330
Dr. Erika D. Beck, President
(818) 677-1200
CSUN Website (<https://www.csun.edu/>)

California State Polytechnic University, Pomona

3801 W. Temple Avenue
Pomona, CA 91768

Dr. Soraya M. Coley, President
(909) 869-7659
Cal Poly Pomona Website (<https://www.cpp.edu/>)

California State University, Sacramento

6000 J Street
Sacramento, CA 95819
Dr. Luke Wood, President
(916) 278-6011
Sacramento State Website (<http://www.csus.edu>)

California State University, San Bernardino

5500 University Parkway
San Bernardino, CA 92407-2318
Dr. Tomás D. Morales, President
(909) 537-5000
Cal State San Bernardino Website (<http://www.csusb.edu>)

San Diego State University

5500 Campanile Drive
San Diego, CA 92182
Dr. Adela de la Torre, President
(619) 594-5200
San Diego State Website (<http://www.sdsu.edu>)

San Francisco State University

1600 Holloway Avenue
San Francisco, CA 94132
Dr. Lynn Mahoney, President
(415) 338-1111
San Francisco State Website (<http://www.sfsu.edu>)

San José State University

One Washington Square
San Jose, CA 95192-0001
Dr. Cynthia Teniente-Matson, President
(408) 924-1000
San Jose State Website (<http://www.sjsu.edu>)

California Polytechnic State University, San Luis Obispo

One Grand Avenue
San Luis Obispo, CA 93407
Dr. Jeffrey D. Armstrong, President
(805) 756-1111
Cal Poly San Luis Obispo Website (<http://www.calpoly.edu>)

California State University, San Marcos

333 South Twin Oaks Valley Road
San Marcos, CA 92096-0001
Dr. Ellen J. Neufeldt, President
(760) 750-4000
CSU San Marcos Website (<http://www.csusm.edu>)

Sonoma State University

1801 East Cotati Avenue
Rohnert Park, CA 94928
Dr. Ming-Tung "Mike" Lee, Interim President
(707) 664-2880
Sonoma State University (<http://www.sonoma.edu>)

California State University, Stanislaus

One University Circle
Turlock, CA 95382
Dr. Susan E. Borrego, Interim President

(209) 667-3122

Stanislaus State Website (<http://www.csustan.edu>)

CSU Dominguez Hills

Servicemembers Opportunity Colleges

CSU Dominguez Hills has been designated as a member of Servicemembers Opportunity Colleges (SOC), a group of more than 1,800 colleges and universities providing post-secondary education to members of the military throughout the world. As an SOC member, CSU Dominguez Hills recognizes the unique nature of the military lifestyle and has committed itself to easing the transfer of relevant course credits, providing flexible academic residency requirements, and crediting learning from appropriate military training and experiences. SOC has been developed jointly by educational representatives of each of the Armed Services, the Office of the Secretary of Defense and a consortium of 13 leading national higher education associations; it is co-sponsored by the American Association of State Colleges and Universities and the American Association of Community Colleges.

CSU Dominguez Hills Foundation Board

- Mr. Alan Caldwell
- Mr. Clifford Cannon
- Ms. Jan Chilimidos
- Dr. Willie Hagan
- Mr. D.R. (Don) Herman
- Dr. Rod Hernandez
- Ms. Pilar Hoyos
- Ms. Del Huff
- Mr. Gil Ivey
- Dr. Karen Wilson
- Ms. Paula Moore
- Carrie Stewart
- Mr. Ken Putnam
- Mr. Michael D. Rouse
- Mr. George Schmeltzer
- Mr. Dana W. Ward
- ASI President

Accreditation and Approvals

The Western Association of School and Colleges' (WASC) Handbook of Accreditation, January 2001 (page 8), states that voluntary, nongovernmental accreditation of both institutions and programs is a unique characteristic of American education that establishes standards of quality and effectiveness. The specific purposes of accreditation are:

- To assure the academic community, the general public, and other organizations and agencies that an institution/program has clearly defined objectives appropriate to higher education;
- To encourage institutional/programmatic development and improvement through self study and periodic evaluation by qualified peer professionals;
- To promote institutional engagement with issues of educational effectiveness and student learning and to develop and share good practices in assessing and improving the teaching and learning process;

- To promote a culture of evidence where indicators of performance regularly developed and data collected to inform institutional decision making, planning, and improvement;
- To develop systems of review and evaluation that are adaptive to institutional context, build on institutional evidence and support rigorous review; and
- To promote interchange of ideas among educational institutions/ programs through peer review.

CSU Dominguez Hills is accredited by the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges [located at 9533 Airport Boulevard, Suite 200, Burlingame, CA 94010, (650) 696-1060], which is one of six major regional accreditation agencies in the United States.

CSU Dominguez Hills is also accredited/approved by other agencies in the following special fields.

Business Administration

Association of Collegiate Business Schools and Programs (ACBSP) located at 7007 College Blvd., Suite 420, Overland Park, KS 66211.

Chemistry

American Chemical Society, Committee on Professional Training located at 1155 Sixteenth Street, N.W., Washington, DC 20036.

Clinical Sciences

Cytotechnology Option: Affiliate accredited by the Programs Review Committee of the American Society of Cytopathology, sponsored by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) located at 35 E. Wacker Dr., Suite 1970, Chicago, IL 60601-2208.

Medical Technology Option: National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) located at 5600 N. River Road, Suite 720, Rosemont, IL 60018.

Computer Science

Computing Science Accreditation Commission (CSAC) of the Accreditation Board for Engineering and Technology, Inc. (ABET) located at 111 Market Place, Suite 1050, Baltimore, MD 21202.

Education

National Council for Accreditation of Teacher Education (NCATE) located at 1919 Pennsylvania Ave., N.W., Suite 202, Washington, DC 20006, and the California Commission on Teacher Credentialing (CCTC) located at 1900 Capitol Ave., Sacramento, CA 95814-7000.

Health Science

Orthotics and Prosthetics: Affiliate accredited by the National Commission on Orthotic and Prosthetic Education (NCOPE) located at 330 John Carlyle St., Suite 200, Alexandria, VA 22314 and sponsored by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) located at 35 E. Wacker Dr., Suite 1970, Chicago, IL 60601-2208.

Music

The National Association of Schools of Music (NASM) located at 11250 Roger Bacon Dr., Suite 21, Reston, VA 20190.

Nursing

The Baccalaureate degree program in Nursing and the Master's degree program in Nursing at California State University Dominguez Hills are accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, 202-887-6791.

The post-graduate APRN certificate programs for Clinical Nurse Specialists at California State University Dominguez Hills are pursuing initial accreditation by the Commission on Collegiate Nursing Education (<http://www.ccnaccreditation.org>). Applying for accreditation does not guarantee that accreditation will be granted.

Approval of the MSN Family Nurse Practitioner Program by the California Board of Registered Nursing at P.O. Box, 94420, Sacramento, CA 94244-2100.

Occupational Therapy

The Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) accredits educational programs for the occupational therapist. The standards comply with the United States Department of Education (USDE) criteria for recognition of accrediting agencies. Accreditation Department, American Occupational Therapy Association, Inc. 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3449.

Public Administration

National Association of Schools of Public Affairs and Administration (NASPAA) located at 1120 G. Street, N.W., Ste. 520, Washington, DC 20005.

Social Work (MSW)

Council on Social Work Education (CSWE) located at 1725 Duke Street, Suite 500, Alexandria, VA 22314-3457, (703) 683-8080, fax (703) 683-8099.

Theatre Arts

National Association of Schools of Theatre (NAST) located at 11250 Roger Bacon Dr., Suite 21, Reston, VA 20190 (Associate Membership).

University Administration

Office of the President

President, Thomas A. Parham
Chief of Staff, Justin Gammage

Division of Academic Affairs

Provost and Vice President of Academic Affairs, Michael Spagna
Vice Provost, Accreditation Liaison Officer (ALO), Ken O'Donnell
Associate Vice President, Academic Advising & Career Development, Andy Drummond
Associate Vice President, Faculty Affairs, Cheryl Koos
Dean, Graduate Studies and Research, Sheree Schragger
Associate Dean- International Education, Hamoud Salhi
Dean, Undergraduate Studies, Kim Costino
Chair, Academic Senate, Sheela Pawar

College of Arts and Humanities

Dean, Timothy Caron
Interim Associate Dean, Timothy Chin

College of Natural and Behavioral Sciences

Dean, Philip LaPolt
Associate Dean, Leonardo Martinez

College of Business Administration and Public Policy

Dean, Joseph Wen
Associate Dean, Tayyeb Shabbir

College of Education

Dean, Jessica Pandya
Associate Dean, Corinne Martinez

College of Health, Human Services, and Nursing

Dean, Mi-Sook Kim
Associate Dean, Enrique Ortega
Director, School of Nursing, Ronald Norsby

College of Continuing and Professional Education

Dean, Kim McNutt
Associate Dean- Extended Education, Lynda Wilson

University Library

Dean, Stephanie Brasley
Associate Dean, Marwin Britto

Division of Administration and Finance

Vice President, Administration, and Finance, Deborah Wallace
Associate Vice President, Administration, and Finance, Tony Jake
Chief Operating Officer, Toro Auxiliary Partners, Tranitra Avery
Chief Finance Officer, Toro Auxiliary Partners, Theresa Morrison
Associate Vice President, Human Resources Management, Monica Ponce
Chief of Police, Carlos Velez

Division of Diversity, Equity, Inclusion, and Justice

Vice President and Chief Diversity, Equity, & Inclusion Officer, Bobbie Porter
Director of Operation and Strategic Initiatives, Catherine Jermany

Division of Student Affairs

Vice President, Student Affairs, William Franklin
Senior Associate Vice President, Student Life and Dean of Students, Matthew Smith
Interim Associate Vice President, Student Success, Mayra Soriano
Associate Vice President, Enrollment Management, Deborah Brandon
University Registrar, John Hill

Division of Information Technology

Vice President and Chief Information Officer, Information Technology, Chris Manriquez
Assistant Vice President, Deputy Chief Information Officer, Bill Chang
Associate Vice President, Process & Project Management, Natalie Alarcon
Information Security Officer, Sara Hariri

Division of University Advancement

Vice President, University Advancement, Eva Sevcikova
Interim Associate Vice President, Development, John Miller
Director, External Relations, Derrick Mims
Associate Vice President, Marketing and Communications, Myla Edmond

Division of Academic Affairs

The academic programs of the University are organized in the College of Arts and Humanities, the College of Business Administration and Public Policy, the College of Education, the College of Health, Human Services, and Nursing, and the College of Natural and Behavioral Sciences. Within these administrative units, you will find a broad variety of both undergraduate and graduate programs designed to stimulate your intellectual curiosity and to prepare you for both a career and lifelong commitment to learning. The College of Extended and International Education within Academic Affairs offers additional opportunities through distance learning, and on-line degree programs as well as extensive additional credit and non-credit offerings, certificate and training programs. Each of these units is described in more detail immediately following this section.

In addition, the Leo F. Cain University Library is a vital academic resource, which houses a variety of books, periodicals, and on-line databases to support students in their academic endeavors. For more information, see the "Campus Services (p. 30)" section of this catalog that describes the Library's function and mission within the University.

The University recognizes that the college experience is not simply a matter of books and study. Thus, we offer a variety of academic and cultural programs, clubs and honor societies, and student activities designed to provide co-curricular support for student success. Significant opportunities for students to be involved with their professors in meaningful research efforts are widely available and continuing to expand. In conjunction with our role as an active partner with the communities in our region, we offer a variety of service learning roles enabling students to put theory into practice. The unique diversity of this campus, recognized by national magazines and organizations, ensures that all CSUDH students will have the opportunity of learning and socializing with others of diverse ages, ethnicities, and races, thus preparing them to work effectively in a modern and global world.

College of Arts and Humanities

The College of Arts and Humanities is the second largest college at California State University Dominguez Hills and comprises a rich group of majors and programs of emphasis including Africana Studies, Art and Design, Asian Pacific Studies, Chicana/o Studies, Communications, Dance, Digital Media Arts, English, History, Humanities, Interdisciplinary Studies/PACE, Labor Studies, Modern Languages, Music, Negotiation, Conflict Resolution and Peacebuilding, Philosophy, Theater Arts, and Women's Studies. The arts and humanities are the academic heart and soul of the university and prepare students to explore contemporary and enduring questions in the world. They foster critical and creative thinking, civic knowledge, and ethical reasoning. Our departments and programs provide students with opportunities to engage in scholarly research, creativity and in-depth inquiry in their chosen fields. Twenty-first century life and enterprise have become ever more complex and diverse. Increasingly, creativity and imagination are recognized as key to success in today's world. It is no surprise that program offerings in the arts and humanities prepare students to lead in exciting and new developments in many arenas of life.

Our faculty and staff, who are accomplished teachers and experts in their fields, are dedicated to nurturing and mentoring students to become lifelong learners. As scholars and creative artists, our faculty have won numerous prestigious fellowships, awards, and research grants from such organizations as the National Endowment for the Humanities, the

National Endowment for the Arts, and the Fulbright Scholars Programs and their research, publications and creative activities have won national and international recognition. As university leaders, our faculty shape and develop curriculum and academic policy, and manage departments, institutes, and programs.

The College of Arts and Humanities exists for you. It is your home where you learn to decode, interpret, and understand as you prepare for life.

College of Arts and Humanities

Office Location: LIB 5090

Phone: (310) 243-3389

Dean, Timothy Caron

Associate Dean, Timothy Chin

Communications Department, Brant Burkey, Chair

English Department, Andrew Kalaidjian, Chair

English, Graduate Program- Literature Option, David Sherman, Coordinator

English, Graduate Program- TESL Option, Iara Mantenuto, Coordinator

History Department, Laura Talamante, Chair

Humanities Program, Timothy Chin, Interim Coordinator

Interdisciplinary Studies Department, Anne Choi, Chair

Labor Studies Program, Stephen McFarland, Coordinator

Modern Languages Department, Benito Gomez, Chair

Negotiation, Conflict Resolution, and Peacebuilding Program, Brian

Jarrett, Director

Philosophy Department, Brian Gregor, Chair

Division of World Cultural and Gender Studies

Africana Studies Department, Salim Faraji, Chair

Asian-Pacific Studies Department, Mary Lacanlale, Chair

Chicana/Chicano Studies Department, Tim Caron and Tim Chin, Interim Chairs

Women's Studies Department, Jennifer Brandt, Chair

Division of Performing, Visual and Digital Media Arts

Art and Design Department, Jim Keville, Chair

Digital Media Arts Department, George Vinovich, Chair

Music Department, Scott Morris, Chair

Theatre Arts and Dance Department, Doris Ressler, Chair

Welcome to the **Student Success Center** for the College of Arts and Humanities! We look forward to helping you navigate your academic and professional careers during your time here at DH.

You can make an appointment with your academic advisor through the Toro Success Collaborative (TSC) found on your my.csudh.edu portal. Here is a tutorial on how to use the TSC: How to Schedule a Self-Service Appointment (<https://www.csudh.edu/Assets/csudh-sites/tltc/docs/making-an-appointment-step-by-step-guide.pdf>)

You can also reach out to us in the usual ways:

Office: North Library 5515

Phone: (310) 243-3264

Email: cahsuccess@csudh.edu

Web: Student Success Center (<https://www.csudh.edu/cah/ssc/>)

Advising

Our range of services includes:

- Class registration
- General Education

- Catalog-based major and minor overview
- Connecting you with your Major faculty advisor
- Lower-division transfer credit
- Applying for Graduation
- Graduation Writing Assessment Requirement (GWAR)
- Connecting you to campus resources, career coaches, and care teams and so much more!

We look forward to working with you during your time here at DH. Go Toros!

College of Business Administration and Public Policy

Education is the key to the workplace in the 21st century. Access to data has exploded due to the digital and Internet revolutions. However, the abundance of data in no way assures good decision making. Data must be converted to useful information through knowledgeable analysis. Such analysis can only occur through educated and informed individuals and systems. Additionally, students need effective communication and interpersonal skills. The College of Business Administration and Public Policy provides students with the skills to compete in the global markets of the 21st century.

Our first priority is to graduate baccalaureate students who can assume the full responsibility of an entry-level professional position in the private and public sectors. Our second priority is to graduate master's students who can assume managerial positions in private and public sector organizations. Our third priority is to provide our graduates with the lifelong learning skills and motivation to grow and evolve as the economy changes. Graduates of the College of Business Administration and Public Policy find career positions in both large and small private and public sector firms, start their own businesses, work in local, state and federal governments and agencies, and in nonprofit organizations, and attend graduate programs and law school.

At the heart of our program in preparing students for the future is the faculty in the College of Business Administration and Public Policy. Our faculty comprise a cadre of dedicated professors who are committed to teaching and remaining current with business, public administration, criminal justice administration, and research and theory practices. Faculty have been active as practitioners in their respective fields throughout their careers. This expertise greatly enriches the quality of classroom education as well as other related experiences, such as on-site tours, internships, guest speakers and enhanced job placement opportunities upon graduation.

Our faculty have designed a curriculum that has as its primary objective the transfer of "best practices" in business, government and not-for-profit organizations. As citizens and future managers or public administrators, students must develop the cultural sensitivities, technological and communication skills, negotiating techniques and team-building expertise to function in the diverse global economy that presents many opportunities for career success. The cultural, ethnic, gender, social and economic diversity within the faculty and student population of the CSUDH College of Business Administration and Public Policy provides students with a unique setting to develop the attributes and skills necessary to compete effectively.

The College believes that leaders do not just react to opportunity but, in fact, take actions that shape the opportunity. On the following pages, we

describe the educational programs offered in the College of Business Administration and Public Policy, which are designed to shape the leaders that will create the world of opportunity in the 21st century.

We welcome inquiries and questions, and invite you to visit the campus and the College of Business Administration and Public Policy. We want to become your business, public administration, and criminal justice administration program of choice and prepare you for the ever-evolving and exciting world of opportunity that awaits you.

The College of Business Administration and Public Policy (CBAPP) is accredited by WASC, the business programs are accredited by AACSB, and the MPA program is accredited by NAASPA. Our College offers Bachelor's degrees in Business Administration, Public Administration, Criminal Justice Administration and Organizational Leadership Studies, Master's degrees in Accounting and Public Administration, professional certificates in business disciplines and a variety of undergraduate minors.

Our offices are located in the Innovation and Instruction Building. Faculty and staff offices for the departments are located on the 4th floor, advisement with the CBAPP Student Success Center is located on the 1st and 3rd floors, and the CBAPP Graduate Programs office is located on the 3rd floor. The Innovation and Instruction Building houses student study breakout rooms, lounge and collaboration spaces, new classrooms, and computer labs.

Office of the Dean

Dean, Joseph Wen
Associate Dean, Tayyeb Shabbir
Office: II 4200
Phone: (310) 243-3548
College website: <https://www.csudh.edu/cbapp/>

Graduate and Professional Programs

Assistant Dean, Betty Vu
Office: II 3500
Phone: (310) 243-3646

Programs (<https://www.csudh.edu/cbapp/programs/>)

Departments (<https://www.csudh.edu/cbapp/departments/>)

Institutes

CBAPP Student Success Center

CBAPP Student Success Center: Academic Advisement

The College of Business Administration and Public Policy Student Success Center provides academic advising for undergraduate majors and minors in Business Administration, Criminal Justice Administration, and Public Administration.

The CBAPP Student Success Center provides information and academic support which includes advising on

- Concentrations
- Graduation requirements
- Transfer credit
- Special circumstances & conditions

Students are urged to come to the Student Success Center every semester before enrolling for academic advisement.

CBAPP Student Success Center Hours

Monday -Friday from 8:00 a.m. to 5:00 p.m.

Innovation and Instruction (II Building) Suite 1100

Students can make an appointment with an advisor at csudh.campus.eab.com to discuss:

- Change of Major/minor (*to declare or revise*)
- Review transfer credits (*to determine if courses can be used to meet major requirements*)
- Graduation check (*to review remaining courses and on track for graduation*)
- Academic planning (*to utilize the Smart Planner and plan a schedule for a 4- or 2- graduation plan*)

FAQs:

What if I am not sure about my concentration or need support with exploring career options in my area of interest?

The Student Success Center (SSC) works with Faculty Advisors and Department Chairs regarding career and work force requirements for different concentrations. Student may reach out to the Student Success Center to get connected with a Faculty Advisor and Department Chair. Students may obtain advice from faculty about tailoring their academic program toward career goals, about graduate schools and programs, and about career opportunities.

College of Continuing and Professional Education

The CSU Dominguez Hills College of Continuing and Professional Education (CPPE) provides access to the University's resources by offering degree, certificate, and credential programs and noncredit courses and workshops. Programs are offered both on-campus in Carson, online, via zoom and at various locations throughout the area. The programs offer faculty the opportunity to experiment with both curriculum and instructional formats.

CCPE programs include Extension programs, Special Sessions programs, Summer Session, Winter Session and Spring Intersession, Bachelor and Master degrees, Open University, OSHA Training Institute Programs, and the OSHER Lifelong Learning Program. CCPE programs are largely financially self-supporting.

College of Continuing and Professional Education

Office Location: EE 1300
Phone: (310) 243-3737

Dean, J. Kim McNutt
Associate Dean, CCPE, Lynda Wilson
Humanities External Degree Program, Matthew Luckett, Coordinator
Quality Assurance Program, Interim Director, Milton Krivkuca
OSHA Training Institute Education Center (OTIEC), Raul Guzman, Director
Special Sessions, Elena Christova, Director
Extension, Elizabeth Legge, Director

Osher Lifelong Learning Institute (OLLI), Coordinator Fawn Supernaw

Extension

The College provides courses, seminars, workshops, conferences, symposia and a variety of other programs for continuing education of professionals, and for those interested in developing personal and professional goals.

Certificate programs offered include Accreditation, Standardization, and Conformity; Advanced Safety and Health, Assistive Technology; Certified Safety and Health Official; Community College Teaching; Construction Project Management; Cyber Security; Digital Marketing; Global Logistics; Grant Writing and Administration; Human Resource Business Partner; Human Resource Management; Managing for Success; Medical Insurance Billing; Meeting and Event Planning; Occupational Safety and Health Manager; Hospitality Health and Safety Manager; Project Management; Safety and Health Fundamentals; Purchasing; Quality Assurance in Service; Quality Auditing; Quality Engineering; Quality Management; Radiologic and Imaging Sciences; Refinery Safety Technician; Reliability Engineering; Six Sigma Black Belt; Six Sigma Green Belt; Soft Skills of Quality 4.0; Software Quality Assurance; Sports and Fitness Psychology; Supply Chain Management; Technical Writing; just to name a few.

Summer Programs

From June through the final week in August, the College of Continuing and Professional Education offers a comprehensive array of extension courses, certificate programs, professional and personal development courses. In addition, an extensive schedule of degree-applicable courses is available for matriculated and non-matriculated students.

Winter Session and Spring Intersession

From the end of the fall semester and through the first three weeks of January, and from the end of May through June, the University offers a series of 1, 2, and 3 unit courses designed primarily to meet the needs of students who wish to accelerate the completion of their degree programs. These courses earn residence credit and are open to any adult who meets the course prerequisites. Intersession courses are self-supporting and tuition and student fees are charged.

Online Programs

CCPE offers dozens of degree and certificate programs and individual courses. Online degree programs include the Master of Arts in Negotiation, Conflict Resolution and Peacebuilding, Master of Public Administration, Master of Science Quality Assurance, Master of Science Radiologic and Imaging Sciences, Master of Science Systems Engineering, Master of Science Accountancy, and the Bachelor of Science Organizational Leadership.

Open University

Open University provides an opportunity for those who have not been admitted to the University to enroll in regular on-campus, degree-applicable courses. On a space-available basis, selected undergraduate and graduate courses are open to anyone 18 years or older who meets prerequisites and has the instructor's approval. Students enroll through CCPE Registration Office and pay special session fees. Undergraduate students may apply up to 24 semester units earned through the program to a degree. Graduate students may apply a maximum of 9 semester units from Open University to a degree. Matriculated CSUDH students may not enroll through Open University.

Learning in Retirement

The College, with support from the Bernard Osher Foundation, sponsors the Osher Lifelong Learning Institute (OLLI@CSUDH) for seniors.

OSHA Training Institute Education Center (OTIEC)

The College has been designated by the U.S. Department of Labor as an OSHA Training Institute Education Center (OTIEC). The OTIEC offers a full range of occupational and environmental health and safety courses.

CCPE Room Reservation

The College Complex at California State University, Dominguez Hills is available for rental for workshops, classes, seminars and business meetings. For more information, contact the College at 310-243-3737.

Passport Center

The Passport Center at CSUDH is conveniently located in the CCPE classroom building. Questions or need help making an appointment? Call (310) 243-2570 or email eepassporthub@csudh.edu.

College of Education

The College of Education houses the Department of Liberal Studies, the Department of Teacher Education, the Department of Special Education and the Department of Graduate Education. The College offers professional programs that prepare teachers, specialists in curriculum, counselors, and school and college/university administrators for the urban, multicultural community. These programs are designed to offer high quality educational opportunities for students at undergraduate, post-baccalaureate, masters, and advanced levels.

Our Vision

Grounded in principles of justice, equity, and critical consciousness, we are committed to reflective, responsive, and purposeful praxis in teaching, scholarship, and leadership. Alongside the communities we serve, we prepare critical educators to co-create and enact transformative change.

Our Mission

Through self-examination, collective learning, and research, we construct brave spaces that foster the holistic development of educators.

Together, we challenge and dismantle systems of power and privilege in institutions of education. We re-imagine equitable, responsive, and just learning experiences for all learners, especially those from minoritized groups within our college and in our local schools. We are committed to advancing the following:

- A justice-focused agenda
- The pursuit of equity
- Innovation in teaching and learning
- Rigorous and responsive research
- Collaboration with professional, local, and global communities, and student-centered partnerships
- Belief in the limitless potential of our work, each other, and those we serve

Liberal Studies

Liberal Studies is an interdisciplinary undergraduate major for students who intend to become elementary or special education teachers. Courses leading to the Bachelor of Arts in Liberal Studies are designed to support the acquisition of content knowledge in the subject areas taught in

elementary schools as well as professional knowledge and dispositions. The Liberal Studies major is a Commission approved Elementary Subject Matter Program.

Teacher Education

Teacher Education offers preliminary credential programs for students who intend to teach in an elementary (multiple subjects) or secondary (single subject) classroom. All programs offer a pathway to earn a Bilingual Authorization in Spanish. Both traditional student teaching and university intern programs are available. Teacher Education also offers a Master of Arts in Education with options in Curriculum and Instruction, and Dual Language Learning.

Special Education

Special Education offers preliminary Education Specialist Credentials in Early Childhood Special Education, Mild/Moderate Support Needs (MMSN), and Extensive Support Needs (ESN). Both traditional student teaching and university intern programs are available. Educational Specialists provide services to infants, children, and youth with disabilities. Special Education also offers a Clear (Induction) Credential, an added authorization in Early Childhood Special Education, and a Master of Arts in Special Education.

Graduate Education

The Division of Graduate Education provides advanced knowledge and training in various professions in educational settings, such as School Leadership, Counseling, and Higher Education Administration and Leadership. The School Leadership program offers both the Preliminary Administrative Service Credential and Clear Professional Administrative Services Credential, with an option to add on a Master of Arts in Education. The Counseling program offers the Master of Science degree in Counseling with options in School or College Counseling. Counseling students can also concurrently earn the Pupil Personnel Services Credential in School Counseling, the Child Welfare and Attendance Authorization, and a Certificate in College Counseling. The Higher Education Administration and Leadership program is a twelve-unit graduate certificate program designed for working professionals and individuals seeking advanced training and knowledge in the broad field of higher education administration and leadership. The Doctor of Education in Educational Leadership (Ed.D.), is a three-year program titled Educational Leadership for Justice in Education (EDLD for Justice). The EDLD for Justice prepares candidates to assume executive leadership positions in P-16 educational settings and related agencies such as County Offices of Education, K-12 District Offices, Charter School Boards, and educational non-profits.

College of Education

Office Location: COE 1490
Phone: (310) 243-3510

Dean, Jessica Pandya
Associate Dean, Corinne Martinez
Liberal Studies Department, Angela Macias, Chair
Teacher Education Department, Jarod Kawasaki, Chair
Special Education Department, Kate Esposito, Chair
Graduate Education Department, Gary Rhodes, Chair

COE SSC Mission

Welcome to the Student Success Center for College of Education students! Our vision is to provide a nurturing space that immediately

engages students in an experience that positively impacts their well-being, self-efficacy, and identity as college students. Through a holistic approach that frames academic preparation, the Student Success Center Team is facilitating the journey of persistence towards and fulfillment of students' goals.

When a College of Education student walks into the Student Success Center, the student can expect:

A Culture of Care: We believe that we have a shared responsibility for providing a welcoming and nurturing environment for all who enter our doors and a warm hand-off when we aren't the answer.

Information: We believe that no one should leave the Center without knowledge and next steps, particularly if it is beyond our capacity or control.

- *Programmatic* – We provide information for undergraduate (Liberal Studies) and graduate (credential/MA) programs
- *Resources* – We provide access and referrals to on-campus university resources and when possible, off campus community resources that support students affective, behavioral, and cognitive needs

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Scheduling An Appointment

Scheduling can be done through the student center/portal by selecting *Toro Success Collaborative* or through the online handbook (LBS e-resource) webpage (<https://csudhlbs.notion.site/Advising-9d24c67be0ad40cd98ad8c0afa23b861/>).

Contact Us

Location: COE 1401
Hours: 8:00 am – 5:00 pm
Email: coe_success@csudh.edu

College of Health, Human Services, and Nursing

The CHHSN is an outstanding College that houses 9 distinct health and nursing departments and two schools that offer 6 undergraduate, 6 Masters, and one professional doctorate in occupational therapy. The undergraduate programs include Child Development, Clinical Lab Sciences, Public Health and Health Sciences, Human Services, Kinesiology, and Nursing (BSN). The professional graduate degrees are

in Marital and Family Therapy (MFT), Social Work (MSW), Occupational Therapy (Master's and Doctorate OT), Nursing (MSN), Orthotics and Prosthetics (O&P), and Radiologic Imaging Sciences (RIS). The CHHSN also offers postbaccalaureate certificates in Cytotechnology and Medical Technology for the ASCP-BOC certificate and Licensure. The Communication Sciences and Disorders (CSD) certificate is available as a bridge program to Speech Pathology graduate degrees.

The mission of the College of Health, Human Services and Nursing is to address the overall health, mental health, and social needs of the human population. This goal is accomplished through an interdisciplinary preparation of students who will be equipped to deliver quality and comprehensive services within a multiethnic, multicultural, and multiclass society. Given our campus location, the College's programs address the needs and issues of individuals, families, and communities living in a diverse urban environment. We are committed to fostering an inclusive and equitable educational environment that is welcoming and provides resources and programs that will enhance the quality of your educational experience and prepare you for your chosen careers and/or postgraduate degrees.

The CHHSN offers a Health Professional Pathways Program, titled '*Toro Health Pathways (THP)*.' The program promotes our distinguished healthcare degrees to eligible and diverse high school and transfer students to recruit them into one of various health professions including Human Services, Nursing, Nursing Education, Nursing Administration, Medical Technology, Cytotechnology, Radiologic and Imaging Sciences, Health/Medical management, Public Health, Social Work, Marital and Family Therapy, Occupational Therapy, Clinical Exercise Physiology, Speech Pathology, and beyond.

As you explore your educational opportunities, we encourage you to learn more about the many wonderful career preparation undergraduate programs and professional graduate degree options that are available here in the College of Health, Human Services and Nursing. The impact that our graduates make on society is limitless. There is no service more fundamental to society than ensuring the health and physical well-being of the communities we serve!

We look forward to being a significant part of your preparation.

College of Health, Human Services, and Nursing

Office Location: Welch Hall 300
Phone: (310) 243-2046

Dean, Mi-Sook Kim
 Associate Dean, Enrique Ortega

School of Public Health and Health Sciences

SBS C321
Phone: (310) 243-2698

Interim Chair, Matt Mutchler
 Orthotics and Prosthetics Program Coordinator, Mark Muller
 Radiologic and Imaging Sciences Coordinator, Elwin Tilson
 Communication Sciences and Disorders Program Coordinator, John Spruill

School of Nursing

WH 335

Phone: (310) 243-3596/1050

Director, Ronald Norby
Associate Director Undergraduate Program, Cathy Andrade
Associate Director Graduate Program, Terri Ares

Department of Child Development

WH 320

Phone: (310) 243-2029

Chair, Megumi Kuwabara

Department of Clinical Sciences

WH 330

Phone: (310) 243-3748

Chair, Payman Nasr
Program Coordinator for Post-Bacc Certificate Program, Sarah Turkel

Department of Human Services

SBS D321

Phone: (310) 243-3461

Chair, Phu Phan

Department of Kinesiology

SAC 2145

Phone: (310) 243-3761

Chair, Michael Ernst

Department of Marital and Family Therapy

WH 320

Phone: (310) 243-2032

Chair, Karen Quek

Department of Occupational Therapy

WH 320/WH 445

Phone: (310) 243-2726

Chair, Terry Peralta
MSOT Program Coordinator, Heather Kitching
OTD Program Coordinator, Eric J. Hwang

Department of Social Work

WH 385

(310) 243-3170/2678

Interim Chair, Leslie Ponciano

The College of Health, Human Services, and Nursing is home to academic programs for students interested in fostering individuals' physical, psychological, and familial well-being. Our talented and dedicated faculty prepares professionals to work with populations in need of support and service in the areas of mental, physical and interpersonal health. The wide array of programs offered by the College share common features – a rigorous curriculum recognized by professionals in the field, nurturance of high academic standards, and opportunities to practice skills in the field under expert supervision. The College's academic units and some corresponding highlights are as follows:

SCHOOL OF PUBLIC HEALTH AND HEALTH SCIENCES

The School of Public Health and Health Sciences offers a variety of programs, including a major with different options leading to a Bachelor of Sciences in Community Health and Health Care Management, a minor and a subject matter preparation programs that partially fulfills the requirements for a Single Subject Teaching Credential in Health Science. The School also houses a Master of Science in Orthotics and Prosthetics that combines academic rigor, clinical training, and research to prepare students for professional practice. Focused on the evaluation, fabrication, and fitting of artificial limbs and orthopedic braces, this program ensures graduates are well-equipped to excel in the O&P field. A Master of Science in Radiologic & Imaging Sciences provides professional advancement tracts in RIS administration and RIS education for individuals already in the profession. A Post-Baccalaureate Certificate in Communication Sciences and Disorders (Post-Bacc) is a pre-professional program offering students the prerequisite knowledge that is required for education leading to a career as a Speech-Language Pathologist.

SCHOOL OF NURSING

The School of Nursing offers a RN to Bachelor of Science in Nursing as an online offering for individuals seeking their bachelor's degree in nursing. A Master of Science in Nursing encourages students to integrate advanced nursing knowledge; synthesize, translate, apply, and disseminate scientific evidence, while appraising and utilizing healthcare technology and information systems. All are used to improve person-centered and population health outcomes.

DEPARTMENT OF CHILD DEVELOPMENT

Child Development studies the individual from conception through the end of adolescence in a plurality of contexts through in-class and field experiences. The curriculum includes both in-class and field experiences to prepare knowledgeable and effective child and family professionals. A unique feature of the curriculum is the inclusion of courses that are of special relevance to students from Southern California. The student can choose one of four options/concentrations in Counseling and Family Services, Juvenile Delinquency, Management and Administration, and Early Development and Learning.

DEPARTMENT OF CLINICAL SCIENCES

The Clinical Science program offers one of the few four-year curricula in the country leading to a bachelor's degree and eligibility to take professional certifying examinations in medical technology and Cytotechnology.

DEPARTMENT OF HUMAN SERVICES

Human Services prepares students for occupations in human services. Human Service is an excellent major for those seeking meaningful jobs while serving their community. The Department also offers a Mental Health Recovery Option.

DEPARTMENT OF KINESIOLOGY

Kinesiology provides students a solid foundation for studying anatomy, physiology, and the principles of mechanics concerning human body movement to prepare for preventive and rehabilitative health careers and advanced degrees. Students can also pursue a Single Subject Teaching Credential in Physical Education.

DEPARTMENT OF MARITAL AND FAMILY THERAPY

MFT prepares students in systemic theory, research, and relational practice to clinically and ethically engage concerns of intersectionality, equity, and social justice to improve systems of oppression and promote wellness among individuals, couples, and families in underserved communities.

DEPARTMENT OF OCCUPATIONAL THERAPY

The Master of Science in Occupational Therapy (MSOT) and the Occupational Therapy Doctorate (OTD) are both offered as entry-level first professional degree. The programs accept student applicants who have completed a bachelor's degree in another major and wish to enter the field of occupational therapy. Both full-time cohort programs prepare students for a professional career focused on helping people achieve skills and utilize resources to live independent, meaningful lives. The Occupational Therapy Doctorate (OTD) aims to meet the increasing demand for highly skilled OT practitioners within the dynamic nature of current health and human services delivery systems. Both degree options produce client-centered professionals who can research, develop, implement, and evaluate procedures using a high degree of judgment and consult with other team members where appropriate.

DEPARTMENT OF SOCIAL WORK

Grounded in Critical Race Theory and Intersectionality, the Department of Social Work (MSW) offers a curriculum that emphasizes a psychosocial, ecological and cross-cultural orientation to social work practice. The MSW strives to educate contextually competent social work practitioners. The degree is offered through both full-time and part-time programs.

Student Success Center (SSC), College of Health, Human Services, and Nursing(CHHSN)

Welch Hall Building (WH), Second Floor, WH 220
(310) 243-2120

Self-Service Appointments

You may schedule an appointment with an Advisor through Toro Success Collaborative (TSC) via my.csudh.edu. A tutorial on How to use the TSC can be found on our Tutorials and Workshops page: [Scheduling an Advising Appointment through TSC](#).

Make sure to set up your appointment with your designated program advisor. If you need assistance, you can email us at chhsnadvisng@csudh.edu.

CHHSN SSC Advising Mission

The foundation of advising for the College of Health, Human Services, and Nursing (CHHSN), Student Success Center (SSC) is based upon conceptual, relational, and informational principles, which are the core competencies of NACADA The Global Community for Academic Advising. In this belief, the advisors of CHHSN SSC are fully dedicated to socio-personal, academic, and career support for our students. The advisors provide this support by being responsive to student needs, issues, and concerns to innovate our advising practices towards equity, accessibility, and inclusion. As a center, we build a community that prepares students for the knowledge and skills they need as student leaders and emerging health and human services professionals. The advisors cultivate this community and college identity by creating a collaborative space in

partnership with the college's students, staff, and faculty. (Kerr, M., Langford, L., Prado, C., Valdez, A., Viray, J., 2022)

CHHSN Student Success Team

Lisa Langford, Director
llangford@csudh.edu | WH 210A | (310) 243-2374

Adrienna Alexander, Administrative Coordinator II
aalexander34@csudh.edu | WH 210K | (310) 243-2608

Angelica Flores Avila, Lead Peer Representative
afloresavila1@csudh.edu | WH 210H | (310) 243-3638

Academic Advisors

Mark Kerr
mkerr@csudh.edu | WH 220C | (310) 243-3423

Debbie Yoklavich
dyoklavich@csudh.edu | WH 210F | (310) 243-2050

April Thomas
aprilthomas@csudh.edu | WH 210B | (310) 243-3465

Cristina Prado
cprado@csudh.edu | WH 210E | (310) 243-3516

Angel Valdez
avaldez62@csudh.edu | WH 210J | (310) 243-2545

Vanessa Monroy
vmonroy4@csudh.edu | WH 210G | (310) 243-3834

Program Advisors

Janelle Viray, Graduation Specialist
jviray2@csudh.edu | WH 220B | (310) 243-3664

Paul Matt Lasmarias, Retention Specialist
plasmarias@csudh.edu | WH 220E | (310) 243-3174

College of Natural and Behavioral Sciences

The core mission of the College of Natural and Behavioral Sciences is to prepare individuals for careers in scientific research, math/science education, behavioral/social sciences, or applied science fields such as medicine, dentistry, engineering, computer technology, and clinical psychology. Disciplines represented in the College include Anthropology, Behavioral Science, Biology, Chemistry, Computer Science, Earth Sciences, Geography, Mathematics, Sociology, Physics, Political Science, Psychology, and Systems Engineering. The College of Natural and Behavioral Sciences contributes to the general education program through its offering of mathematics courses designed for students to develop basic quantitative skills, and secondly, through the offering of non-major courses that introduce students to general scientific concepts and methods.

In an increasingly technological society, graduates with degrees in natural or computational sciences are in high demand. Public schools, in particular, are aggressively recruiting highly qualified teachers in math and science to prepare the next generation of scientists and science educators. Virtually every organization needs individuals who can coordinate their electronic communication networks, maintain their

hardware and software, and manage large databases. State and Federal agencies allocate billions of dollars each year for biomedically related research of various kinds, including psychological research, ultimately in pursuit of cures for the numerous illnesses and diseases that plague humankind today and to save our environment. Still other Federal agencies award large grants for military and outer space research. Careers in the natural and behavioral sciences can be very lucrative and personally rewarding.

The College prides itself on being the home of a number of outstanding teaching award recipients. As teacher-scholars, they are devoted to teaching in both the lecture format as well as the hands-on laboratory format, where students learn firsthand what it means to "do science." To their credit, faculty in the College have received Federal training grants to provide support for minority undergraduate students in the sciences. The National Institutes of Health sponsored RISE program is exemplary of this effort. Students graduating from RISE continue in top Ph.D. programs at universities across the country and become part of the nation's biomedical workforce. In addition, the College of Natural and Behavioral Sciences has launched the first engineering program at CSUDH by offering a M.S. in Systems Engineering, which aims to address the need for these type of engineers in the work force.

In summary, the College of Natural and Behavioral Sciences offers a world of opportunities for its students.

College of Natural and Behavioral Sciences

Office Location: LIB 5734
Phone: (310) 243-2547

Dean, Philip LaPolt
Associate Dean, Leonardo Martinez
Anthropology Department, Sarah Taylor, Chair
Behavioral Sciences (BA), Hyo Joon Chang, Coordinator
Biology Department, Helen Chun, Chair
Biology Graduate Program, Fang Wang, Coordinator
Chemistry and Biochemistry Department, Arumugam Thangavel, Chair
Computer Science Department, Mohsen Beheshti, Chair
Computer Science Graduate Program, Jack Han, Coordinator
Earth Science and Geography Department, John Keyantash, Chair
Environmental Science Graduate Program, Ashish Sinha, Coordinator
Mathematics Department, Matthew Jones, Chair
Physics Department, John Price, Chair
Political Science Department, Salvatore Russo, Chair
Psychology Department, Carl Sneed, Chair
Psychology Graduate Program, Silvia Santos, Coordinator
Science, Mathematics and Technology, Kenneth Rodriguez, Coordinator
Sociology Department, William "Billy" Wagner, Chair

The College of Natural Behavioral Sciences Success Center mission is to educate students through academic advising and resource support. Our center is dedicated to a culture of care that will keep students thriving. The center serves over 5,000 students and 10 majors. We are a group of advisors and support staff that believe through advising holistically with a care approach our students will be successful.

We collaborate with other campus partners to give our students an experience that will ensure belonging, self-advocacy, and value. We are equitable with our students with the whole person in mind, we think of campus and student assets as foundational for success. Academic advising is a key element in student success as it guides, support and

completes the student experience. Graduation for every student is the key goal for our center while allowing the students experiences support a pathway that is unique to each student.

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CNBS Success Center

SBS 306- A, Third floor

T: (310) 243-3535

E: cnbsadvising@csudh.edu

Director, Victoria Fowler

Academic Advisors

Stephanie Chito

Paul Matt Lasmarias

Sheyla Peindar

Deborah Valiente

Programming Advisors

Alma Melena – Graduation Specialist

Lizbeth Maldonado -Retention Specialist

College Student Success & Career Centers

CAH Student Success Center

Welcome to the **Student Success Center** for the College of Arts and Humanities! We look forward to helping you navigate your academic and professional careers during your time here at DH.

You can make an appointment with your academic advisor through the Toro Success Collaborative (TSC) found on your my.csudh.edu portal. Here is a tutorial on how to use the TSC: How to Schedule a Self-Service Appointment (<https://www.csudh.edu/Assets/csudh-sites/tltc/docs/making-an-appointment-step-by-step-guide.pdf>)

You can also reach out to us in the usual ways:

Office: North Library 5515
Phone: (310) 243-3264
Email: cahsuccess@csudh.edu
Web: Student Success Center (<https://www.csudh.edu/cah/ssc/>)
Advising

Our range of services includes:

- Class registration
- General Education
- Catalog-based major and minor overview
- Connecting you with your Major faculty advisor
- Lower-division transfer credit

- Applying for Graduation
- Graduation Writing Assessment Requirement (GWAR)
- Connecting you to campus resources, career coaches, and care teams and so much more!

We look forward to working with you during your time here at DH. Go Toros!

Career Center

Welch Hall, Room 200
Carson, CA 90747
Telephone: (310) 243-3625
Email: careercenter@csudh.edu

Vision

The Career Center will be recognized by the University and its constituents as a leading resource for career and professional development. We will provide innovative career opportunities to equip students for lifelong career development and prepare them for contributions to the global economy.

Mission

The Career Center fosters early career and professional development and believes that student empowerment is intrinsic to the development of career management skills. We recognize that career development is a life-long process, so we offer opportunities for both students and alumni to explore, discover, and make purposeful career-related decisions in order to become adept professionals and positive contributors to society. Additionally, we provide access to internships and employment opportunities to enhance the success of our students and alumni for whom we serve. Together with the University, we seek to transform students' experiences through preparation for the work of today and tomorrow.

Values

These values guide the development of our programs, services, strategic plans, and serve as a framework as we support the mission of the University.

- Knowledge
- Character
- Respect for Diversity
- Collaboration
- Innovation
- Accountability
- Social Responsibility

Student Learning Outcomes

By participating in Career Center programs, students will be able to:

1. Verbally communicate their professional experiences, skills, and accomplishments
2. Learn how to build and develop a resume
3. Demonstrate professional behaviors, such as dress and digital communication

CBAPP Student Success Center

CBAPP Student Success Center: Academic Advisement

The College of Business Administration and Public Policy Student Success Center provides academic advising for undergraduate majors and minors in Business Administration, Criminal Justice Administration, and Public Administration.

The CBAPP Student Success Center provides information and academic support which includes advising on

- Concentrations
- Graduation requirements
- Transfer credit
- Special circumstances & conditions

Students are urged to come to the Student Success Center every semester before enrolling for academic advisement.

CBAPP Student Success Center Hours

Monday -Friday from 8:00 a.m. to 5:00 p.m.

Innovation and Instruction (II Building) Suite 1100

Students can make an appointment with an advisor at csudh.campus.eab.com to discuss:

- Change of Major/minor (*to declare or revise*)
- Review transfer credits (*to determine if courses can be used to meet major requirements*)
- Graduation check (*to review remaining courses and on track for graduation*)
- Academic planning (*to utilize the Smart Planner and plan a schedule for a 4- or 2- graduation plan*)

FAQs:

What if I am not sure about my concentration or need support with exploring career options in my area of interest?

The Student Success Center (SSC) works with Faculty Advisors and Department Chairs regarding career and work force requirements for different concentrations. Student may reach out to the Student Success Center to get connected with a Faculty Advisor and Department Chair. Students may obtain advice from faculty about tailoring their academic program toward career goals, about graduate schools and programs, and about career opportunities.

CHHSN Student Success Center

Student Success Center (SSC), College of Health, Human Services, and Nursing(CHHSN)

Welch Hall Building (WH), Second Floor, WH 220
(310) 243-2120

Self-Service Appointments

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CHHSN Student Success Team

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llangford@csudh.edu | WH 210A | (310) 243-2374

Adrienna Alexander, Administrative Coordinator II
aalexander34@csudh.edu | WH 210K | (310) 243-2608

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Programming Advisors

Alma Melena – Graduation Specialist

Lizbeth Maldonado -Retention Specialist

COE Student Success Center

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Contact Us

Location: COE 1401

Hours: 8:00 am – 5:00 pm

Email: coe_success@csudh.edu

Campus Life

Associated Students, Inc.

Loker Student Union Room 231

(310) 243-3686

"We represent the students."

Associated Students, Incorporated (ASI) is the official student voice of California State University, Dominguez Hills. ASI believes in the core values of student growth, advocacy, leadership and guidance. As a student-run, non-profit corporation, ASI representatives are appointed to various campus-wide committees affecting campus governance and monitor approximately \$1.8 million of student activity fees.

Leadership Development

Building individual and group leadership skills, ASI's student-led commissions provide numerous opportunities for students to be

involved on campus throughout the year, including Toro Tuesdays, Pizza with the President, Commuter Outreach, and fitness classes. Many of these commission meetings allow students to help decide and plan what events, services and technology are offered at CSUDH. Past ASI technology awards include: Financial Market Trading and Business Simulation Lab, the Internet Lounge in the Library, laptops for resume and job search workshops in the Career Center, the computer lab in Housing, Audio/Visual enhancements to the Clubs and Organizations Resource Room in the Loker Student Union, and enhanced technology (Smart) classrooms throughout the campus.

Advocacy

ASI representatives travel monthly to northern or southern CSU campuses to collaborate with other Associated Student representatives on advocacy for the CSU system as a whole. ASI representatives also travel annually to the California Higher Education Student Summit, a three day conference in Sacramento to advocate for accessibility, affordability and quality higher education.

Student Growth

Child Development Center

Child Development Center (CDC) provides affordable, dependable and convenient childcare for CSUDH students, faculty and staff. The CDC provides developmentally appropriate services and discounted rates to qualified students. CDC is located at the north end of parking lot 1. For more information, call (310) 243-1015 or visit the website at www.asicsudh.com (<http://www.asicsudh.com>).

KDHR Radio

A student-run internet radio station that creates opportunities for internships, live disk jockeys mixing, and live radio talk shows.

Health and Fitness

Provide exciting recreational activities on campus, such as, yoga, total body fitness, koga, pilates, tournaments, and zumba.

Toro Tuesday

With the Spirit and Pride Campaign, ASI gave birth to the "Go Toros" slogan and every Tuesday is Toro Tuesday on campus. Come into our office wearing your DH Pride apparel and get a chance to win a semester scholarship of \$4000!

Stop by the ASI Office in the Loker Student Union Room 231 or call us at call (310) 243-3686. Website: [asicsudh.com](http://www.asicsudh.com) (<http://www.asicsudh.com>) - Instagram & Facebook: [asicsudh](#) - Twitter@[ilovemyasi](#)

Athletics

SAC 3

(310) 243-3893

The Cal State Dominguez Hills athletics department has built a national reputation for athletic and academic achievement, further solidified by the 2011 NCAA Track & Field 4x400 National Championship and the 2008 NCAA Men's Soccer National Championship, the men's soccer program's second NCAA Title in an eight-year stretch, which included both NSCAA National Coach and Player of the Year honors.

The Toros compete nationally at the National Collegiate Athletic Association (NCAA) Division II level, and are a member of the California Collegiate Athletic Association (CCAA), recognized nationally as the NCAA Division II "Conference of Champions," with 154 NCAA National Titles to date. Additionally, CSUDH is the only NCAA Division II program

to capture both men's and women's soccer titles after the Toros women's soccer team garnered the first-ever NCAA National Championship for CSUDH in 1991.

Away from the pitch, a CCAA Conference high three Toro baseball players were drafted in both the 2015 and 2014 Major League Baseball amateur drafts, with one selected this past season.

Cal State Dominguez Hills sponsors 10 intercollegiate athletic teams that serve approximately 200 student-athletes in men's and women's basketball, men's and women's soccer, men's golf, baseball, women's volleyball, softball, and indoor/outdoor track and field. A source of even greater pride than the Toros' considerable athletic achievements has been the success of Toro student-athletes in the classroom. Toro student-athletes have boasted three Rhodes Scholar candidates and two Rhodes Scholar finalists since 1987 while winning two prestigious Woody Hayes Scholar Athlete Awards, making CSU Dominguez Hills one of just two schools in the nation with multiple award winners.

In 2008-2009 alone, the Toros boasted the CoSIDA/ESPN The Magazine Academic All-American of the Year, as well as the CCAA Scholar-Athlete of the Year, the first and third such honors won by the school, respectively.

Athletic facilities such as the Torodome (gymnasium), fitness center, swimming pool, tennis courts, track and all-purpose field are available for use by enrolled students, faculty and staff. Students, faculty and staff are encouraged to use the facilities when there is no conflict with classes or other scheduled events and approved supervision is provided.

Information concerning athletic opportunities available to male and female students and the financial resources and personnel that CSU Dominguez Hills dedicates to its men's and women's teams may be obtained from the Director of Athletics at (310) 243-3893 while letters of inquiry can be emailed to athletics@csudh.edu or mailed to 1000 E. Victoria St., SAC-3 Carson, CA 90747.

Asian & Pacific Cultural Center

Welch Hall 250
(310) 243-2290

The Asian & Pacific Cultural Center is the cultural home for API students at CSUDH where community, belonging, learning, and engagement are instruments toward personal, academic, and professional success of API students. Our programming is inclusive and open to all students at CSUDH. Our goals are to:

- Build community through relevant programs, activities, and celebrations that reflect the broad Asian & Pacific experience.
- Engage students in learning and development through the lenses of racial-justice, critical reflection, and inclusion.
- Advocate for student wellness and success through providing and connecting students to on-campus and off-campus resources.

Black Resource Center

Loker Student Union 132
(310) 243-3668

The Black Resource Center is the cultural home for all Black/Afrikan/American American students at CSUDH. The BRC promotes community, belonging, learning, knowledge of self and community engagement. The BRC encourages lifelong learning and thriving through personal,

historical, and academic success. The BRC's programming is inclusive and open to all students at CSUDH.

Our goals are to:

- Build community through relevant programs, activities, and celebrations that reflect the Afrikan Diaspora & the lived-Black experience.
- Engage students in learning and development through the lenses of racial justice, critical community reflection, and inclusion best practices.
- To advocate for student wellness and success through providing and connecting students to on-campus and off-campus resources and fellowship.

Immigration Justice Center

Loker Student Union 111
(310) 243-3500

The Immigrant Justice Center is here to support, empower, and serve students who are impacted by our immigration system. We have resources and opportunities for undocumented students and children of immigrants to thrive academically and professionally while focusing on their holistic growth.

Services include:

- Free immigration legal services for students and their families
- One-on-one support with peer mentors and professional advisors
- Community lounge and study spaces

La Casita: Latinx Cultural Resource Center

Loker Student Union 110
(310) 243-2519

La Casita

The Latinx Cultural Resource Center (LCRC) serves as the cultural home or "La Casita" to support the personal, academic, and professional success of Latinx students at CSU Dominguez Hills. La Casita provides peer-to-peer support, culturally relevant programming, and campus partnerships. Our resources include a focus on academic and career readiness, social justice, community building, and embracing our identidad, arte, & cultura.

Support Services include:

- 1-1 Support by Program Director and Program Coordinator to help students navigate their educational journey at CSUDH through a holistic approach
- Cultural programs, workshops, and events to support students' transition to CSUDH and guide continuing students
- Peer-to-peer guidance and support from our Community Advocates
- Community lounge & study space

The Queer Culture & Resource Center

Loke Student Union 110A
(310) 243-2711

The Queer Culture & Resource Center seeks to improve the culture and climate for lesbian, gay, bisexual, transgender, queer, intersex, asexual,

two-spirit, nonbinary individuals along all gender, romantic, and sexual spectrums.

The QCRC is a space for the campus to come together, find support, and build connections and relationships to queer culture, people, and programs. We want everyone to get involved in creating more space for queerness at CSUDH, starting from our home just off the west walkway in the Loker Student Union.

Within and outside the QCRC, our programs use history, culture, education, trainings, media, community building, and cultural wealth empowerment to provide opportunities of understanding gender and sexuality while challenging the role of colonization in trans and queer oppression, and to empower LGBTQIA+ students in all that they achieve at CSUDH and beyond.

Urban Community Research Center

LIB G-521
(310) 243-3500

The Urban Community Research Center (UCRC) was established in response to the dual need for useful research in our surrounding urban communities and the need to provide "hands on" applied research experience to our students. UCRC provides a comprehensive applied research and analysis service to the Greater South Bay Region in support of the research needs of surrounding communities in partnership with community organizations and agencies. Faculty and their students conduct basic and applied research on a wide variety of urban community conditions and problems in response to the needs of communities in the Los Angeles basin. The UCRC maintains a cross-disciplinary approach to conducting research in the urban environment supported by grants and contracts, while providing students with a "real-world" (applied) research experience. Its research program is developed in cooperation with community groups and agencies.

The research program of UCRC concentrates on projects with direct application to the improvement of a range of urban community conditions and needs in our region, thereby offering faculty and students from diverse disciplines the opportunity to contribute to collaborative research endeavors applied to satisfying those needs. Faculty and students from any discipline are encouraged to develop research projects, evaluations, and assessments in collaboration with community groups and organizations, and government agencies, such as health, safety, planning and community and economic development agencies and groups, and a variety of social service agencies in the region, consistent with the mission of the Center to produce useful knowledge in support of a better quality of life in urban communities.

Faculty and students interested in participating in or developing new UCRC research projects should contact the Director, Dr. Matthew G. Mutchler.

Forensics Team

LCH B-102
(310) 243-2847

The Toro Forensics Team gives students the practice and experience they need to sharpen their speech communication and oral interpretation skills. Members of the Forensics team take weekend trips to intercollegiate tournaments at other campuses, primarily in Southern California. All undergraduate students are eligible for up to eight semesters of competition, and may earn two units of credit per semester.

No audition is required. Forensics experience can be especially useful for students who are planning to go into law, business, teaching, broadcasting, theatre, science, or any field which emphasizes oral performance, but all students are welcome.

Honors Program

Academic Affairs
(310) 243-2432

Program Description, Features and Benefits

The University Honors Program offers a community of Honors students and faculty who are committed to academic excellence, creativity, critical thinking, and independent research.

The program provides an academically enriched and socially supportive environment that inspires students in all disciplines to become creative and critical thinkers as well as leaders in their fields. Honors students receive the extra stimulation of a special program while participating in the life of the campus at large. The program fosters the intellectual curiosity of all students and provides rigorous preparation for those interested in pursuing advanced degrees in graduate or professional school.

All components of the program are designed to provide an atmosphere in which committed students may strive for excellence and further the process of self-discovery, which is the significant goal of a university education: "Education is not preparation for life; education is life itself." (John Dewey)

Honors Program students have priority registration privileges, priority consideration for on-campus student housing, and individual academic mentoring by the program coordinator. First year and transfer students who are eligible for the Honors Program qualify for the President's Honors Scholarship.

Honors Contracts, Seminars and Senior Thesis

Honors Contracts enable a student to have the designation "Honors" appended to a given upper division course by completing more sophisticated work than the instructor is asking of the regularly enrolled students. With this option, the student, with the consent and guidance of the instructor, can undertake Honors-level study, and receive Honors credit in a non-Honors course. The Honors work undertaken is in addition to, rather than instead of, the regular course assignments.

The student and faculty member agree at the beginning of the course on the nature of the work to be done for Honors credit (examples might include pretesting lab experiments, making one or more special presentations to the class, or creating an annotated bibliography of materials). This agreement, its rationale, and its means of evaluation, are specified on a proposal form submitted to the Honors Program coordinator by the fifth week of the semester.

Special Seminar courses offer Honors students an opportunity to exploring inter-disciplinary topics or issues with faculty members.

Honors Scholars are upper division Honors Program students who participate in independent research under the direction of faculty members in their fields. Honors Scholars receive academic credit for their work with these faculty members on research or teaching-related activities for a semester.

The Senior Honors Thesis enables students to pursue an original project in an area of their interest (usually within the major) culminating

in a substantial written report or other appropriate result. Students work under the guidance of a faculty member in the area of interest. Successful completion of the thesis will be noted on the student transcript. Students should inquire at the Honors Program for guidelines and direction.

Eligibility

The program is open to undergraduate students from throughout the University. Eligibility is determined by grade point average, SAT scores, community service experience, and personal interviews. For application information contact Academic Affairs WH 440.

Honor/Service Societies

(May require minimum grade point average and/or particular departmental affiliation)

- Delta Mu Delta - Epsilon Mu Chapter
- Phi Kappa Phi
- Phi Alpha Theta
- Pi Alpha Alpha
- Sigma Pi Sigma

See the Student Organizations section for additional Honor Societies.

Housing, University

University Housing Office

(310) 243-2228

Our Mission

The mission of University Housing Services is to provide CSUDH students a safe and inclusive living experience that promotes independent living, maximizes their educational experience, and facilitates their personal development through well-maintained housing facilities. University Housing Services provides students a range of housing options. Our gated community includes 32 one-bedroom, 72 two-bedroom, and 30 three-bedroom apartments.

Why Live On Campus

Enrolled students are encouraged to live on campus in one of our 164 furnished apartments located on the northeast corner of campus. There is also a community room, conference and meeting rooms, state of the art laundry facilities and twenty-four hour Wi-Fi access. On the complex grounds are two basketball and sand volleyball courts. Our grounds are well manicured with grills and picnic seating conveniently positioned for residents' enjoyment. Convenient residential parking partially surrounds the complex with campus parking also adjacent nearby.

Convenient, safe and affordable, CSUDH on-campus housing offers a unique opportunity to fully experience our vibrant campus life and community. Living on campus also puts you steps away from faculty and staff, campus resources, and student organizations, programs and services! Students who live on campus spend less time commuting, and more time preparing for success.

If you are interested in obtaining additional information regarding on-campus housing, contact the University Housing Services Office in Building A or telephone (310) 243-2228. The office is open from 8 a.m. to 10 p.m., Monday through Friday. Summer hours are 8am – 8pm M-F.

Intramurals

Division of Kinesiology and Recreation

(310) 243-2219 or (310) 243-3757

Fun, fitness and friends, plus get college credit! The intramural program is designed to get the campus community involved with inner-campus athletic competition and fitness. DH Intramurals provides CSUDH students, faculty and staff the opportunity to stay involved in an athletic setting and participate in fitness classes. Each one unit class is offered every fall and spring semester. Create your own team or join as a "free agent." The main purpose is to have interaction with others on campus and to meet new and interesting people while enjoying the benefits of physical fitness. DH Intramural Sports has become a member of ACISF (American Collegiate Intramural Sports and Fitness) national organization. This sponsorship provides numerous prizes and gifts for all students enrolled in Intramural Sports or Fitness activities, including both "Fit" Male and Female Athletes of the Month. Classes include basketball, tennis, flag football, aqua aerobics and pool usage, soccer, volleyball, indoor soccer/futbol, softball, flyfishing, military-style fitness bootcamp, walking for health, and assisting with disabled student activities. For more information visit the website at www.csudh.edu/hhs/intramural.htm (<http://www.csudh.edu/hhs/intramural.htm>) or contact George Wing, Director of Intramural Sports or Wayne Timmerman, Program Assistant.

Music Performance Groups and Concert Series

LCH E-303

(310) 243-3543

The Music Department sponsors an excellent and widely varied series of concerts throughout each academic year. In addition to recitals by guest artists, programs by the faculty, and frequent new music and world music concerts the students themselves are heard each semester in regular student recitals and individual programs. Distinguished as an All-Steinway School, the music department's many performances are enhanced by these fine instruments. Performing groups include the University Jazz Ensemble, Chamber Singers, Guitar Ensemble, Wind Ensemble, Percussion Ensemble, and the Early Music Collegium.

The University Chorus and Chamber Singers

The principal aim of the chorus is to acquaint its members and its audiences with the finest chorale music drawn from all periods of music history including the present time. Music by such composers as Palestrina, Bach, Mozart, Brahms, Stravinsky, Schoenberg, Copland and Bialosky among many others, grace its programs.

The Chorus performs both unaccompanied and with orchestra compositions and often joins forces with neighboring schools in special presentations.

Guitar Ensemble

The CSUDH Guitar Ensemble is co-directed by Dr. Scott Morris and Matthew Greif and consists of students from our highly respected classical and studio jazz guitar program. In addition to being heard at numerous university functions throughout the year, the group presents a full recital at the end of each semester. The group is also featured in the annual "Guitar Day at Dominguez" festival.

Early Music Collegium

The EMC is co-directed by Dr. Scott Morris, Dr. Dawn Brooks, and Dr. Rik Noyce and features students from the department of music performing music from the Middle Ages, Renaissance and Baroque periods on historically accurate instruments such as lutes, Baroque guitars,

cornamuses, and recorders. Early vocal music is also presented by the ensemble.

Jubilee Choir

The Jubilee Choir, under the direction of Dr. Hansonia L. Caldwell, performs not only well-known classical religious work, but also literature that includes spirituals, gospel music, jazz, and blues. The Choir performs widely in the community and holds an annual benefit concert.

Musical Theatre

Students may participate in musical theatre performances produced by the Theatre Arts and Dance Department.

The University Jazz Ensemble

The Jazz Ensemble is directed by Dr. Stephen Moore and performs a wide variety of contemporary commercial music. Past concerts have featured the music of jazz legends such as Miles Davis, John Coltrane, Dizzy Gillespie as well as current Blues and Rock artists. Membership is by audition.

Newspaper - The Bulletin

FH B-009
(310) 243-2313

Dominguez Hills students have the opportunity to hone their reporting, writing, and editing skills while working on the student newspaper. Published bi-weekly during the academic year, Communications students in the Journalism option put into practice Journalism's theoretical and applied approaches through the newspaper's print and online products, which cover all aspects of campus life and the surrounding communities. Most importantly, they work closely together to achieve a common goal while encountering the social, political, and cultural give-and-take that forms the "esprit-de-corps" context of a working newsroom.

Older Adult Center

SBS B-235
(310) 243-2003

The Older Adult Center (OAC) serves as a support system for older students on campus, but provides a warm and friendly atmosphere for people of all ages. The OAC counsels on the fee waiver program for students over 60 and also provides other academic and social opportunities for students, faculty and staff including internships. Those interested may drop by, sign in at the center, and are welcome to join informal discussion groups.

Student Organizations

Office of Student Life
Loker Student Union 111
(310) 243-2074

The following student organizations are representative of the clubs available to students. They invite your membership and active participation.

Academic Organizations

- **Accounting Society** serves to provide a means whereby students interested in accounting may associate with one another and exchange ideas relevant to their studies and occupational goals.

- **Anthropology Club** serves to augment learning and to strengthen social bonds amongst group members.
- **Dominguez Hills Society of Economists** serves to educate students about the economy as a whole and its influential impact.
- **E.N.G.AG.E.** A support group that will help student's access campus resources and supports.
- **Graduate Association of Social Work** serves to promote student interest in social work, enhance professional development through student and campus community.
- **Health Science Student Alliance Club** to aide students majoring in related fields. To network & prepare for graduate school, exams, advancement and volunteering.
- **Human Services Student Association** opportunity to networking, fieldwork experience, sharing and advocating for good causes.
- **Integrative Medicine Club** To educate members about western and alternative medicine working together to treat the whole person.
- **Nursing Student Organization** supports and promotes activities for professional development of nursing students.
- **Pre-Law Society** to assist students interested in going to law school, while furthering intellectual achievement and scholarship.
- **Pre-Health Society** provides networking opportunities and promotes student community service in the health and related fields, as well as on campus.
- **Psychology Club** serves to promote the field of psychological research.
- **Science Society** serves the academic and professional interests and concerns of science students and fosters relationships among students, faculty, and local students.
- **Sociology Club** is guided by the philosophy of "Service to the Community" which means a commitment to assist communities in need through volunteerism and community organizing.
- **Teach One Reach One (TORO)** assists new first year students of CSUDH in becoming academically successful. Aspires to lower the dropout rate and raise retention rate.
- **Women Success Alliance** to prepare women for the professional work and guide them toward success.

Cultural/Multicultural Organizations

- **Asia @ CSUDH** serves to make the campus aware of the availability of the Asian-Pacific Student program.
- **Black Business Student Association** strives to promote professional and development of our members by providing networking opportunities and programs.
- **Chicana/o Studies Club** strives to educate, inform and produce research & scholarship that celebrate the cultural and historical richness of our culture.
- **Espiritu de Nuestro Futuro** serves to promote equity and access for non-traditional students who have burning desire to pursue their studies at CSUDH.
- **Latino Student Business Association** serves to provide opportunities to members and students that will enhance their personal, professional, and academic skills, which in return will help them achieve their short and long term goals during and after their collegiate experience.
- **Hermanas Unidas (HaU)** reaches out the Chicana/Latina community and provides resources through the 3 pillars: academics, community service and social events.

- **M.E.Ch.A.** strives for educational, cultural, economic, political, and social empowerment within the Chicano community in order to liberate nuestra gente.
- **Muslim Student Association** to assist Muslim students with their spiritual, social and intellectual goals. To represent the union and advocate for the interest of Muslim students.
- **Organization of Africana Students** serves to nurture scholars, thinkers, and leaders by promoting social responsibility and economic excellence.
- **Organization Latinoamerica Estudiantil (OLE)** to spread vast Hispanic culture.

Honor/Service Societies

Membership may require minimum grade point average and/or particular departmental affiliation.

- **Mu Phi Epsilon** serves to recognize the scholarship and musicianship of members and to promote friendship.
- **National Society of Collegiate Scholars:** Students ranked in the top 20 percent. Encourages and recognizes outstanding scholarship and accomplishments, provides them with tools and development to be change agents on campus and in the community.
- **Phi Alpha Theta:** International honor society in history.
- **Phi Beta Lambda** The organization's mission is to promote quality education as essential to the development of business leaders by providing innovative programs, relevant research, visionary leadership, and dedicated service.
- **Phi Sigma Biological Sciences** dedicated to the advancement of biological sciences through Research Community outreach, and volunteering.
- **Pi Theta Epsilon**, Gamma Gamma Chapter is a national honor society in occupational therapy. The mission of Pi Theta Epsilon is to help ensure quality health care services for the general public by supporting scholarly activities by its members. This national organization aims at promoting research related to occupation and the practice of authentic occupational therapy.
- **Psi Chi** is a national honor society in psychology. Psi Chi was founded for the purpose of encouraging, stimulating, maintaining scholarship in and advancing the science of psychology.

Political/Social Justice

- **Association of Political Science (APSS)** serves to encourage students to participate, discuss, and debate political issues.
- **Labor and Social Justice** to educate and inform the campus about labor and social justice issues and promote leadership among our students.
- **Young Americans for Liberty** a political activist organization on campus which seek to find, educate, train and mobilize youth activists for the purpose of winning on principle.

Professional Organizations

- **A.L.P.F.A.** the largest Latino association for business professionals and students, dedicated to enhance opportunities for Latinos by building leadership and career skills.
- **American Marketing Association** provides access to future careers in marketing for interested students and to foster organizational and networking skills.

- **Cyber Security Club** to create a group of ethical hackers, where knowledgeable students may discuss and implement security issues and solutions.
- **Earth Science Club** furthers the knowledge of physical, geographical, and geological sciences.
- **IEEE CLAS CSUDH Computer Society Student Branch** fosters technological innovation and excellence for the benefit of humanity. IEEE will be essential to the global technical community and to technical professionals everywhere.
- **Latino Student Business Association** provides opportunities for members to grow academically through education, leadership and organizational support.
- **International Business Association** heightens the awareness of business students to the field of international business.
- **International Student Association** promotes better companionship between the university and international students.
- **Student Occupational Therapy Association (SOTA)** is an interactive/networking organization that promotes community work, events, education, and knowledge about occupational therapy services.

Religious/Spiritual Organizations

- **Christian Crew** we represents 21st century lives through a Christian prospective.
- **Christians on Campus** to spread the word about the Lord Jesus. To encourage students
- **Host of Heaven** to reach students at CSUDH to have a closer relationship with Christ and to teach, preach the word of God.
- **Life on Campus** facilitates weekly group discussions on being successful in school and in our individual walk with God, we serve as an academic and cross cultural host for networking and enriching fellowship.

Special Interest Organizations

- **Anime Club** to enhance environment by stimulating the growth and appreciation of Anime as an art form as well as awareness and understanding all aspects of Japanese Culture.
- **Boxing Club** for fitness and well-being of students. To build confidence in students and relieve stress.
- **Destiny** Promotes high academic, community service, and social connections.
- **Ecology Club** bring awareness about key ecological issues that affect our campus community, campus wide recycling program, green sustainability programs, and community events about ecology.
- **E.M.P.O.W.E.R.** An enriching group that aims to support women of all backgrounds who face various challenges, such as friendships, relationships, family responsibilities, and being successful in college.
- **Male Success Alliance** improve access, retention and graduate rates if young men of color through academic support, professional development, and mentoring.
- **Resident Student Association (RSA)** provides leadership to the resident student population, promotes community, acts as a student government, and provides opportunities to enhance the collegiate experience.
- **Student Athletic Advisory Committee (SAAC)** enhances the overall experience of student-athletics by providing opportunities to participate in volunteer projects, campus events, and by representing the University in a positive manner.

- **Toro Weightlifting Club** to promote fitness through weightlifting, utilizing and educating on proper techniques to avoid injury.
- **Performing Arts Club** promotes the art forms of the theatre and dance on campus and in the community.

Fraternities and Sororities

Fraternities

- **Gamma Zeta Alpha** Built on the foundation of respect and brotherhood is to establish and promote a nurturing environment at the university level and beyond, through academic excellence, community service and the celebration of the diverse Latino Culture.
- **Lambda Theta Phi** promotes the spirit of brotherhood; protects the rights of Latino students; preserves the rich Latino culture, history, and tradition; promotes harmony; and maximizes leadership potential to provide guidance to the surrounding community.
- **Omega Delta Phi** Dedicated to the needs and concerns of the community, is and shall be to promote and maintain the traditional values of Unity, Honesty, Integrity, and Leadership. This Brotherhood was founded in order to provide, to **any** man, a diverse fraternal experience which coincides with a higher education.
- **Phi Iota Alpha** to develop leaders and create innovative ways to unite the Latino community. Our fraternity's roots extend from the late 19th century to the first Latino fraternity and the first Latino student organization in the United States. Our brotherhood is composed of university and professional men committed towards the empowerment of the Latin American community.
- **Sigma Pi Fraternity International** establishes a diverse and academically oriented brotherhood. Their purpose focuses on scholarship, chivalry, diversity, education, and service to the community.

Sororities

- **Alpha Kappa Alpha Sorority, Inc.**, Xi Upsilon Chapter to cultivate and encourage high scholastic and ethical standards, to promote unity and friendship among college women, to alleviate problems concerning women and girls, and to be of service to all mankind.
- **Hermanidad de Sigma Iota Alpha, Inc.** strives toward the expansion of awareness of the Latino culture, promotes leadership and sisterhood, and encourages excellence in education among women.
- **Kappa Delta Chi** a Latina national sorority who aims to achieve professional development, academic excellence, and graduation of all its members; an organization dedicated to community service to their local university communities with an emphasis on the Hispanic/Latino population.
- **Lambda Theta Nu** to promote and foster Latina leaders through educational and professional development, relationship building, and community involvement. Our intent is to provide our members exposure to resources for continued growth.
- **Sigma Lambda Gamma** promotes standards of self-excellence in morality, ethics, and education. Efforts made are to better serve the needs of others.

Women's Resource Center

Classroom Village (near Lot 7)
(310) 243-2486

The Women's Resource Center (<https://www.csudh.edu/wrc/>) advances gender equity, social justice, and an inclusive campus climate through co-curricular programming, support services, and opportunities designed to empower women of all backgrounds. The WRC provides a safe and

welcoming space where students can access a wide range of programs and services focused on their academic, personal, and professional success. We serve the entire campus community, and we welcome people of all gender identities and expressions.

Support services include:

- Co-curricular programs for personal growth, professional development, and community building
- One-on-one support services and referrals for on and off-campus resources
- Community lounge to study, relax, and meet new friends
- Lactation room, lending library, and free hygiene supplies

Campus Services

Admissions, Records and Registration

WH C-290
(310) 243-3645

The Office of Admissions is responsible for establishing student records for all applicants to the University, the preparation of reports related to eligibility and appropriate transfer credit, correspondence and in-person communication about admission requirements and file completion, and residency for tuition purposes.

The Office of Records and Registration is responsible for the maintenance of all current and historical student records, registration and schedule adjustment, transcript services, graduation evaluation and certification, grade processing and changing, student enrollment certification, Veterans certification, and changes in student demographic information.

Information regarding student retention and graduation rates at CSU Dominguez Hills and, if available, the number and percentage of students completing the program in which the student is enrolled or has expressed interest may be obtained from the University Registrar, Office of Records and Registration. 1000 E. Victoria St. Carson, CA 90747. (310) 243-3645.

Office of Alumni Relations

WH C-490
(310) 243-2237

The CSU Dominguez Hills Office of Alumni Relations seeks to advance the welfare of the University, promotes common interests of its students and its alumni, and serves as liaison with the University, alumni, and the community. The Office of Alumni Relations sponsors a number of activities during the year, provides benefits to alumni, and supports the mission of the University.

Today, the total number of University alumni are over 100,000 and are found throughout the world. Alumni are encouraged to join the Free Alumni Association to take advantage of a wide variety of discounts, affinity partners, and CSUDH activities. Joining the Alumni Association is one of the best ways to show Toro Pride. The free membership connects alumni to a network of graduates throughout the country who represent CSUDH. Alumni can take advantage of alumni events, access to career resources, enjoy money saving benefits, and stay connected to the university.

The Alumni Association is a major supporter of many university programs and works hard to spotlight the achievements of our alumni to our current students. Alumni support CSUDH through gifts to the university, which assist in providing resources that provide an outstanding education to

students. Alumni giving demonstrates pride in their alma mater and confidence in the education received.

Art Gallery

LCH A-107

(310) 243-3334 or (310) 243-3855

The University Art Gallery presents work that involves the local community – university and residents – and engages the regional contemporary art dialogue. The program reflects the area's history, the university's commitment to social justice, and partners with contemporary artists to support the creation of new vital and challenging artworks. The University Art Gallery serves the CSUDH community as a laboratory for contemporary art and design practices.

Career Center

WH 200

(310) 243-3625

The Career Center offers career readiness support to students to assist with their professional pathways, aspirational career goals, academic major exploration, and skill development in and out of the classroom. The Career Center provides individual career coaching appointments, 15-minute "drop-ins," and interactive workshops throughout the year. Also, students are offered a wide variety of resources in the Career Center Library and on the Career Center's webpage (<https://www.csudh.edu/career-center/>) that support their career and professional development.

We support students through a variety of career readiness interactions, programming, and events:

*Please visit the Career Center website (<https://www.csudh.edu/career-center>) for information and links on all the below opportunities.

- Career Coach Office Hours (Drop-in Hours) Visit the Career Center website for the coaching hours.
- Coaching Appointments (Book a one-on-one appointment to discuss topics such as career and major exploration, internships, job searches, resumes, cover letters, interviews, and more.)
- Career & Major Exploration (Job search strategies, jobs, internships, and more.)
- Employer Networking Events (Visit Handshake for a list of employer workshops, programs, career fairs, and forums.)
- Resume Assistance via ToroLink (Submit your resume for review online via ToroLink (<https://torolink.csudh.edu/>)).
- LinkedIn Learning (Utilize this **FREE** online learning platform that allows you to discover and develop the skills you want and need through a personalized, data-driven learning experience.)
- SkillsMatch (Identify your skills and receive personalized career and educational recommendations.)
- CalStatePays (Find out what CSUDH students can expect to earn from alumni who graduated in your major.)
- Digital Career Toolkit (Explore a wide variety of career tools via the Career Center website, such as Handshake, Standout, What Can I Do with My Major, and more.)

The Career Center is always here to support you on your journey toward student & career success.

Child Development Center

North End, Parking Lot 1, Room 101

(310) 243-1015

The Child Development Center (CDC) is owned and administrated by Associated Students, Inc. and is located on the East side of the Birch Knoll drive entrance to the campus adjacent to Parking Lot 1. It is a public, non-profit organization, licensed by the California Department of Education and California Department of Social Services, Community Licensing Division.

CDC provides a comprehensive educational and developmental program for children 2 years 9 months to 5 years old (Fall and Spring Session) 2 years 9 months to 10 years old (Summer Session): CDC offers parent education and involvement, observation/practicum training opportunity for university students.

We provide an environment that meets the developmental needs of the individual learner. Planned learning activities are provided in art, music and movement, dramatic play, reading and writing readiness, language development, mathematics, science, cooking, and multicultural awareness and appreciation. A variety of developmentally appropriate activities help children develop physical, cognitive, social emotional, and safe/healthy.

Center for Service Learning, Internships, and Civic Engagement

SCC 300

(310) 243-2438

The Center for Service Learning, Internships, & Civic Engagement (SLICE) assists students, faculty, and staff with experiential learning opportunities, community-based participatory research, and community engagement opportunities. SLICE is committed to helping foster an awareness of civic responsibility to address the needs of our local and global communities. The Center develops and maintains community partnerships to promote internship and volunteer placements and currently houses the JusticeCorps and Jumpstart programs.

Also housed in SLICE is the American Indian Institute. The American Indian Institute provides outreach and academic support for Native American students and fosters mutual understanding and respect among Indian and non-Indian people. The Institute houses the American Indian Initiative (AII). AII's mission is to promote education, health, culture, and social justice in the American Indian Community.

Culture & Identity Centers

The Culture & Identity Centers (<https://www.csudh.edu/cic/>) are composed of six centers that collectively provide spaces for community building, offer programming to support students' development and belonging, and advocate for inclusivity and equity.

Asian & Pacific Cultural Center

Welch Hall 250

api@csudh.edu (nnguyen@csudh.edu) | 310-243-2290

Black Resource Center

Loker Student Union 132

brc@csudh.edu (trdavis@csudh.edu) | 310-243-3668

La Casita: Latinx Cultural Resource Center

Loker Student Union 110

lrcr@csudh.edu (rcastellanos@csudh.edu) | 310-243-2519

Immigrant Justice Center

Loker Student Union 111

ijc@csudh.edu | 310-243-3837

Queer Culture & Resource Center

Loker Student Union 110A

qcrc@csudh.edu | 310-243-2429

Women's Resource Center

Classroom Village (near Lot 7)

womensctr2@csudh.edu | 310-243-2486

Desert Studies Consortium

**California State University Fullerton Department of Biology
McCarthy Hall 236B
(714) 773-2428**

The California Desert Studies Consortium consists of seven California State University campuses including Dominguez Hills, Fullerton, Long Beach, Los Angeles, Northridge, Pomona and San Bernardino. The primary objectives of this consortium are to promote and provide physical and academic support for undergraduate educational programs in a variety of disciplines and to better understand and manage the physical and biological aspects of desert environments. The CSU Desert Studies Center provides living and laboratory space for over 100 undergraduates at Soda Springs in the Mojave Desert, a location central to all high desert study areas.

Dining Services

**Loker Student Union
(310) 243-3814**

Campus Dining Services are available in the Loker Student Union building located in the center of campus. Hours of operation vary from restaurant concepts between the hours of 7:30 am – 7:30 pm Monday through Thursday and 8:00 am – 2:00 pm on Friday and Saturday during the academic year. Hours vary during special breaks, holiday and summer sessions. Our food retail operations include: Jamba Juice, Tully's Coffee, Subway, A&W-Taco Bell, Panda Express (Chinese), Johnnies New York Style Pizza, Toro Takeout and Green Mountain Coffee (Library).

Complementing our retail operations in the Loker Student Union is 1910 Café & Lounge (waiter service) designed for entertaining and socializing in a restaurant environment (open to Students, Faculty and Staff) 11:30 am – 2:00 pm (Lunch) Monday – Thursday and starting Fall 2014 4pm – 8:30pm Monday – Thursday for Tapas, Wine and Music. Also located in the student union is DH Sports Lounge, open 11:00am – 9:00pm Monday – Thursday and 11:00 am – 2:00 pm on Fridays. DH Sports provides satellite LCD TV's, a variety of entertainment, outside patio, full service menu, beer, wine and specialty drinks.

DH Catering (dhcatering@csudh.edu) is available year round with the full service expertise for catering groups from 1 to 1000. View our variety of menus on line at CSUDH.edu (<http://CSUDH.edu>) website. The combined professionalism of a full service caterer with a first class facility allows for a memorable experience, whether for meetings, wedding receptions, quinceañeras, retirements or family reunions. Please contact our catering offices at (310) 243-3814. CSU Dominguez Hills Foundation has exclusive rights to catering on campus.

Concessions and Events are available through our DH Catering Department and provide a variety of opportunities to have events on campus.

Vending Services are located throughout campus, providing beverages, snacks and hot and cold food options when you are in a hurry or other services are not available. Primary vending locations include kiosks at SCC, LIB, and SAC 2 with multiple locations in every building.

Grab and Go 1 & 2 (Convenience Stores) are located in Welch Hall (WH) and in the Social and Behavioral Sciences (SBS) buildings. Both stores provide a variety of beverages, snacks, quick deli items, microwavable and sundry selections. Grab & Go 1 located in Welch Hall also provides coffee service. Please see each store for operating hours that may vary depending on the time of year.

Educational Opportunity Program

**WH D-350
(310) 243-3632**

The Educational Opportunity Program (EOP) is an alternate admission program that recruits and admits those students who may not meet the standard admissions requirements of the University, but who display the potential to succeed in the University. EOP facilitates the enrollment and academic success of both the educationally and economically disadvantaged. An application deadline exists for the Fall semester of each academic year. New students and EOP transfer students from other California State Universities must file an application for admission by December 19.

Acceptance into the program is based upon an evaluation of the student's past educational experience, completion of EOP admissions packet (which may be used at all campuses within the CSU) and a personal interview. Once admitted into EOP, students are provided with support services such as academic advisement, counseling and financial aid advisement to maximize their potential success.

Prospective students who do not meet standard admissions requirements are urged to apply for admission through the Educational Opportunity Program, and to contact the EOP Office on campus to confirm the admission deadlines for each semester.

Former EOP students at CSU Dominguez Hills must apply directly to the EOP Office for undergraduate readmission. This procedure is necessary to ensure that admission, as well as financial assistance is rendered to the student in a timely manner. Fall deadline for former EOP students is June 1 and spring semester deadline is November 1.

Enrollment Management and Student Affairs

**WH A-410
(310) 243-3784**

The division of Enrollment Management and Student Affairs (EMSA) is responsible for the recruitment, admission, registration, and the recording of education processes of students. In addition, the division is responsible for services and programs that enhance the quality of campus life. The following units and programs operate through the division of EMSA: Admissions, Athletics, Student disAbility Resource Center, Educational Opportunity Program, Upward Bound, Student Support Services, Financial Aid, Student Health and Psychological Services, International Student Services, Loker Student Union, Multicultural Center, New Student Orientation, Outreach and Information Services, Records and Registration, Student Activities, Student Development, Counseling, Career Employment Services, Student Enrollment Services, Student Life, University Student Housing and Veteran's Affairs.

Graduate Studies

I&I 3100
(310) 243-3693

The Office of Graduate Studies provides initial information for new graduate students. Information and applications for the Graduate Equity Fellowship program, the Forgivable Loan Program, the California Pre-Doctoral Program, and other fellowships are also available.

Additional details related to the services, staff, and activities of the Office of Graduate Studies are available at: <http://www.csudh.edu/gsr/graduate-studies/>.

Health Center

SHC A-129
(310) 243-3629

The Student Health and Psychological Services unit includes student health services and psychological counseling services. The unit provides an integrated approach for services designed to meet both the physical and emotional health needs of students.

Student Health Insurance

The Office of the Associated Students, Inc. makes available a supplementary health insurance plan for students. The insurance plan provides benefits toward hospital and surgical expenses. Information concerning the medical insurance plan is available through the Office of the Associated Students, Inc. and the Student Health Center.

Student Health Services

The Student Health Center assists students in maintaining good health to successfully participate in the educational program of the campus. Health services available include outpatient diagnosis and treatment of illnesses and injuries, X-ray and clinical laboratory services, health education and consultation. The Center has its own licensed pharmacy where students may get prescriptions filled and purchase over-the-counter items as well. Referral to community health facilities is made for major illnesses or accidents beyond the scope of the Student Health Center.

The CSU system requires all new students born after January 1, 1957 either to submit proof of immunity to measles and rubella or to be immunized against these diseases. Students can get a combined measles/rubella vaccination free of charge at the Student Health Center. Also, while not required, the American College Health Association

currently encourages college students to obtain a second dose of the measles/rubella vaccine in addition to the one obtained in childhood.

The CSU requires all new students age 18 and under either to submit proof of immunization against Hepatitis B, or to be immunized against this disease. Students in this age group can receive the vaccine at the Student Health Center, free of charge.

Student Psychological Counseling Services

SHC A-141
(310) 243-3818

The Student Health and Psychological Services unit invites students who are experiencing any type of personal or interpersonal problem to participate in a counseling experience. This may include, but is not limited to, difficulties such as anxiety, depression, identity confusion, marital or family conflicts, drug and alcohol abuse, rehabilitation programs or concerns about social relationships. The overall goal is to work with each student individually so that their personal growth leads to the realization of successful college experiences. Information concerning the prevention of drug and alcohol abuse and rehabilitation programs may be obtained from Student Health & Psychological Services.

Students are encouraged to seek counseling for maximizing their own growth potential and they may involve themselves in both individual and group counseling experiences. Professionally trained counseling psychologists are available to work with students or to make appropriate referrals when indicated. These counseling psychologists have several orientations, although the general counseling approach is geared toward the individual student. Students seen individually are encouraged to set up realizable goals that can be explored within short term counseling. Students participating in groups are not limited to a set number of sessions, but are encouraged to set up realizable goals that can be pursued through involvement in group counseling.

Division of Information Technology

WH B-370 (IT Help Desk)
(310) 243-2500
<http://www.csudh.edu/it/>

The Division of Information Technology led by the Office of the Vice President and Chief Information Officer provides leadership and support solutions that improve the teaching, learning, research, and administrative environment of the University. The Vice President/CIO provides overall management of the IT Division, which is comprised of six areas:

- Academic Technology
- Enterprise Applications
- Information Security (ISO)
- Infrastructure & Production Services
- User Services
- Service & Financial Management
- **Academic Technology-** Provides instructional design; media conversion, production, and distribution; web design for faculty; and audio-visual and technology support for instructional programs. Other Academic Technology functions include:
- **Enterprise Applications-** Responsible for the installation, customization, and support of administrative computing applications,

such as PeopleSoft suites, MyCSUDH portal, (<https://my.csudh.edu/>) and the iToros mobile app.

- **Information Security Office (ISO)**- Supports the central mission of the University by assuring confidentiality, integrity, and availability of its information and information systems. The ISO is responsible for the security of all protected information collected, used, maintained, or released by the University as well as assuring campus compliance with federal, state, California State University (CSU), and CSUDH information security mandates.
- **User Services**- Delivers technical support to faculty, staff, and students. Desktop services are offered to faculty and staff for technical support of state-owned desktop and laptop computers, mobile devices, various hardware and software needs, and remote access issues.
- **Infrastructure & Production Services**- Responsible for the operation, design, installation, security, and maintenance of the campus data network, including connections to the university's network backbone (wired, wireless, VPN, etc.)
- **Service & Financial Management**- Ensures continuity of the technology services portfolio from implementation to retirement; ensures financial sustainability of technology portfolio; and ensures the awareness, exposure, and communication of services across the enterprise. Coordinates collaboration between the campus community and the CSU on information technology projects and initiatives as well as technical training on new and supported IT related products and services.

International Programs

SCC 136-A

(310) 243-3919

www.csudh.edu/iec (<http://www.csudh.edu/iec/>)

IEC@csudh.edu

Information on international study is available at the International Education Center (IEC) located in the Small College Complex. Students can select from a variety of study abroad programs offered for a semester, summer or academic year. IEC staff assists students application to international programs and provide support services for inbound exchange students.

Academic Year Programs

Developing inter-cultural communication skills and international understanding among its students is a vital mission of the California State University (CSU). Since its inception in 1963, the CSU International Programs (CSU IP) has contributed to this effort by providing qualified students an affordable opportunity to continue their studies abroad for a full academic year in all programs and a semester option in some countries and programs.

More than 20,000 CSU students have taken advantage of this unique study option. Also, through the CSU IP exchange partnerships, more than 5,000 international students have come to study at the CSU.

International Programs participants earn resident academic credit at their home university while they pursue full-time study at a host university or study center abroad. CSU IP serves the needs of students in more than 100 designated academic majors. Affiliated with nearly 70 recognized universities and institutions of higher education in 18 countries, CSU IP also offers a wide selection of study abroad destinations and learning environments.

Australia

Griffith University, Macquarie University, Queensland University of Technology, University of Queensland, Western Sydney University

Canada

Concordia University

Chile

Pontificia Universidad Católica de Chile

China

Peking University (Beijing)

Denmark

Danish Institute for Study Abroad (This exchange is currently inactive)

France

Aix-Marseille Université, CY Cergy Paris Université**, École Normale Supérieure Paris-Saclay (ENS)**, ESSCA, Aix-en-Provence Campus (effective Spring 2024), Institut Catholique de Paris**, Institut Polytechniques des Sciences Avancées (IPSA)**, Institut Supérieur d'Electronique de Paris (ISEP)**, Science Politiques Saint-Germain-En-Laye**, Sorbonne Université**, Université d'Evry Val-d'Essonne (UEVE)**, Université de Versailles Saint-Quentin-en-Yvelines (UVSQ)**, Université Paris Cité**, Université Gustave Eiffel**, Université Panthéon-Assas**, Université Paris 1 Panthéon-Sorbonne**, Université Paris 8 - Vincennes-Saint-Denis**
Université Paris Nanterre**, Université Paris-Est Créteil Val-de-Marne (UPEC)**, Université Paris-Saclay**, Université Sorbonne Nouvelle (formerly Paris 3)**, Université Sorbonne Paris Nord**

Germany

Hochschule Biberach*, Hochschule der Medien Stuttgart*, Hochschule für Forstwirtschaft Rottenburg*, Hochschule Furtwangen*, Hochschule Konstanz*, Hochschule Mannheim*, Hochschule für Wirtschaft und Umwelt Nürtingen-Geislingen*, Hochschule Reutlingen*, Hochschule Ravensburg-Weingarten*, Hochschule Ulm*, Karlsruher Institut für Technologie*, Pädagogische Hochschule Freiburg*, Pädagogische Hochschule Ludwigsburg*, Staatliche Hochschule für Musik Trossingen*, Staatliche Akademie der Bildenden Künste Stuttgart*, Universität Freiburg*, Universität Heidelberg*, Universität Hohenheim*, Universität Konstanz*, Universität Mannheim*, Universität Stuttgart*, Universität Tübingen*, Universität Ulm*

Ghana

University of Ghana

Israel

University of Haifa

Italy

CSU Florence Study Center, Accademia di Belle Arti Firenze

Japan

Waseda University, University of Tsukuba

Mexico

Instituto Tecnológico y de Estudios Superiores de Monterrey, Campus Querétaro

South Africa

Nelson Mandela University

South Korea

Yonsei University, Korea University

Spain

Universidad Complutense de Madrid, Universidad de Granada, Universidad de Jaén

Sweden

Uppsala University

Taiwan

National Taiwan University

United Kingdom

University of Bradford, University of Bristol, University of Hull, Kingston University, Swansea University, University of Birmingham

Students participating in CSU IP pay CSU tuition and program fees, and are responsible for airfare, accommodations, meals and other personal expenses. Financial aid, with the exception of Federal Work-Study, is available to qualified students and limited scholarship opportunities are also available. All programs require students to maintain good academic and disciplinary standing; many programs are open to sophomores or graduate students. California Community College transfer students are eligible to apply (to select programs) directly from their community colleges. Students must possess a current cumulative grade point average of 2.75 or 3.0, depending on the program, and must fulfill all coursework prerequisites. Additional program information and application instructions can be found on the International Programs website (<http://www.calstate.edu/ip/>).

Semester and Summer Programs

CSUDH is also an associate member of University Studies Abroad Consortium (USAC), offering semester and summer programs as well as academic year programs in Australia, Chile, China, Costa Rica, Czech Republic, Denmark, England, France, Ghana, Ireland, Israel, Italy, Japan, Malta, New Zealand, Norway, Scotland, Spain, Sweden and Thailand. Programs are available in a number of academic disciplines, including language and cultural studies, business and management, social sciences, humanities, and sciences. Students must possess a cumulative grade point average of 2.50. Applications and information may be obtained from the International Education Center, SCC 136 A, (310) 243-3919.

International Emphasis

One of the major goals of CSU Dominguez Hills is to give all students the opportunity to better understand the effects of world affairs in relation to both the individual and society. Accordingly, the University includes a Global Perspectives requirement in the General Studies program. Many international and foreign language courses are also provided. Special academic concentrations are available in international business and international politics for students who intend to specialize their studies in international education.

The University sponsors seminars, discussions and films on important international situations and events. Working together to sponsor various activities on campus is an International Center with a director of international programs; an International Education Committee composed of faculty, administrators, students and community members. The University is working with community members to develop loan and scholarship funds for students who wish to study in a foreign country.

International Student Services

LSU 110
(310) 243-2519

www.csudh.edu/isso (<http://www.csudh.edu/isso/>)

International Student Services is located within the Multicultural Center in room 110 of the Loker Student Union. Office hours are 8:00 a.m.-5:00 p.m., Monday-Friday. International Student Services provides information, advising, advocacy and programming to help international students integrate into the Dominguez Hills community while achieving their educational and personal goals. Currently enrolled international students are invited to visit us onsite or call us to arrange a scheduled appointment.

Immigration Requirements for Licensure

The Personal Responsibility and Work Opportunity Reconciliation Act of 1996 (P.L. 104-193), also known as the Welfare Reform Act, includes provisions to eliminate eligibility for federal and state public benefits for certain categories of lawful immigrants as well as benefits for all illegal immigrants.

Library

LIB 2nd Floor Entrance
(310) 243-3715 (Information Desk)
(310) 243-3586 (Reference Desk)

The University Library, housed on the five floors of the Leo F. Cain Educational Resources Center (ERC), serves the needs of students, faculty and staff with a faculty of ten librarians and support staff. The collection includes over 638,000 volumes as well as more than 26,000 periodical titles available in print and electronic formats. With the exception of archival and reserve materials, all library materials are arranged on open shelves to facilitate maximum use of the collection and to encourage browsing or study in any field of interest. A mutual use agreement covering all of the California State University libraries enables Dominguez Hills students to borrow materials from any of the 23 libraries within the CSU system with a current Dominguez Hills ID card.

Library faculty at the Reference Desk offer assistance and instruction in the use of print and electronic library resources as well as delivering subject-oriented lectures and demonstrations to classes upon request. Microcomputer workstations in the Reference area provide free electronic access to over 100 bibliographic, statistical, and full-text databases in the humanities and social sciences, business, education, medicine, psychology, public affairs, science and current news and events. The Library website at <http://library.csudh.edu> (<https://www.csudh.edu/library/>) provides links to the online public access catalog, Internet resources and University services as well as a comprehensive guide to Library collections and online databases. These databases are also available from off-campus to currently registered students, faculty, and university staff.

The Donald R. & Beverly J. Gerth Archives and Special Collections Department manages the University's archives, as well as the Local History Collection, digitized historic photographs, and other rare or unique materials. The Board of Trustees has designated this department as the official repository for the California State University System.

Loker Student Union (LSU)

The Donald P. and Katherine B. Loker Student Union, Inc.
(310) 243-3854

The Donald P. and Katherine B. Loker Student Union (LSU) provides a dynamic educational, social, recreational and cultural environment for the campus community. The LSU facilities, programs and services enhance

the university community and contribute to the out-of-the classroom experience. The LSU programming department provides an engaging social environment to students through a diverse array of educational and entertaining programs, along with creating a joyful experience for all students.

The facility houses the bookstore, banking services, ToroZone (gameroom), reservable meeting rooms and elegant ballroom, a food court, 1910 Café and Lounge, DH Sports Lounge, student life departments office, discounted amusement park tickets and an outdoor performance patio. For more information, call (310) 243-3559 or visit our website at <http://lsucsudh.org/> (<http://www.lsucsudh.org/>).

McNair Scholars Program

LIB 4516
(310) 243-2037

The McNair Scholars Program is a federally funded program designed to increase the number of first-generation, low-income and/or underrepresented minority (i.e. African American, Hispanic, and Native American) students who complete advanced degrees in all disciplines. This program is funded by the United States Department of Education for five years.

The McNair Scholars program is open to CSUDH sophomores, juniors and seniors with a GPA of 3.0 or above. Students must be committed to continuing their education with the goal of achieving a doctoral degree. Eligible students will also be first-generation and low-income or underrepresented minority, U.S. citizens or permanent residents, and enrolled in a undergraduate degree program at CSUDH.

The program provides a summer research experience, a research methodology course, workshops on entering, applying to and financing graduate school, GRE preparation, faculty mentors, and educational planning and support. In addition, the program provides supplementary support through a summer research stipend, travel to conferences, travel to research institutions, and a student study lounge.

Students are encouraged to visit the McNair Scholars Office or the McNair website at www.csudh.edu/mcnair (<http://www.csudh.edu/mcnair/>) to obtain more information and applications. Applications are due in the fall of each academic year.

Outreach and School Relations

WH B-240
(310) 243-3696

The office of Outreach and School Relations is committed to assisting students achieve their academic goals. Our office is the primary recruitment and guest relations office for CSUDH. As such, our office consists of the following:

- Early Assessment Program (EAP) training and strategic activities designed to increase the number of California high school graduates who enter the CSU fully prepared to begin college-level study and the number of certified teachers.
- Visitor's Information Center located at Welch Hall 245 assists prospective students and their families, current students and community members by providing essential and centralized information regarding campus deadlines and activities. The center also provides prospective student publications and has 2 computers available for prospective students to use when applying to CSUDH.

- Recruitment & Outreach services include CSUDH admission high school and community college visits, college fair participation and events for prospective students and their families. Pre-admission advising is also available.
- Campus Tours are provided for individuals, groups and self-guided tours are also available. Our friendly and knowledgeable tour guides introduce you to our points of pride, student life, athletics and more.
- New Student Orientation (NSO) is a great introduction to CSUDH and an essential part of student's success on campus. NSO is mandatory for Freshman and Transfers. Students will be connected to the information and resources needed to start strong, including: academic advising, financial literacy, career services and campus student organizations.

Parent & Family Programs

pfp@csudh.edu

Parent & Family Programs serves two populations: Pregnant & Parenting Students and Parents & Families of Students. Whether individuals find themselves in the role of a parenting student or a family member supporting a student, the program is devoted to ensuring that they have comprehensive access to the information and resources necessary for successfully navigating their CSUDH journey.

PFP is committed to providing support to both students and their families by fostering community, guiding through campus processes, facilitating access to necessary support and resources, and advocating for the specific needs essential for success at CSUDH. Additionally, the program is responsible for organizing Parent & Family Orientation (PFO), specifically designed for families and student supporters of incoming first-time, first-year students.

Police, California State University

WH B-100
(310) 243-3639

Emergency: 911 from any Campus phone or 310-243-3333 from a cell phone (cell phone 911 will generally connect to the CHP depending on the provider used for service) or push the talk button on the red emergency call towers located on Campus.

The California State University Police is a service-oriented campus agency that provides assistance to the campus community. The Department is responsible for all law enforcement activities. This includes foot and vehicle patrol, criminal investigations, recovery of property and apprehension of violators.

Crime Prevention programs are offered throughout the school year. These encompass a wide-variety of safety related topics. New programs can be developed to fulfill any specific need or concern.

The department provides traffic control, parking enforcement, lost and found, information booth, and public fingerprinting. The Student Patrol are students employed by the Police Department to monitor our parking lots and provide escorts to and from vehicles parked in the University lots from 6:00 to 11:00 p.m., Monday through Thursday. The service is available during all other times by contacting the department directly and an officer will respond.

Campus maps, general information and parking pamphlets are available from the Information Booth. Guest parking permits are available if prior arrangements have been made with the department's parking office.

University Police Officers are State Peace Officers who are trained and certified by the California Commission on Peace Officer Standards and Training. Their duties include the enforcement of federal, state, county and municipal laws as well as University regulations.

The Department prepares and submits a monthly Uniform Crime Report to the California Department of Justice. The Department also enters reported stolen vehicles and property with serial numbers into the National Crime Information Center, allowing for recovery throughout the United States.

All students, staff, and faculty are encouraged to contact any member of the department regarding any problems pertaining to law enforcement or issues. The California State University Police are open 24 hours a day, year-round.

California State University, Dominguez Hills' annual security report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off campus buildings, on public property immediately adjacent to and accessible from the campus, and within the City of Carson. The report also includes institutional policies concerning campus security such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault and other matters. Information concerning CSU Dominguez Hills policies, procedures, and facilities for students and others to report criminal actions or other emergencies occurring on campus may be obtained from the University Police, 1000 E. Victoria St. Carson, CA 90747. (310) 243-3639. Information concerning CSU Dominguez Hills annual campus security report and annual fire safety report may be obtained from the University Police or by accessing the following website, www.csudh.edu/dhpd/ (<http://www.csudh.edu/dhpd/>).

Research and Funded Projects (ORFP), Office of

WH D-445
(310) 243-3756

The Office of Research and Sponsored Programs assists faculty with the identification of external funding sources for research and training projects and facilitates the preparation and submission of proposals. It also coordinates internal faculty award programs. The office oversees the work of the Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC), Financial Conflict of Interest (FCOI), and Export Control as well as other research compliance matters that impact the research enterprise. The office is part of the Division of Academic Affairs and reports to the Provost/Vice President through the Dean of Graduate Studies and Research.

Additional details related to the services, staff, and activities of the Office of Research and Sponsored Programs are available at: <http://www.csudh.edu/gsr/research/>.

Reserve Officers' Training Corps (ROTC) U.S. Army Reserve Officers' Training Corps (AROTC)

The U.S. Army Reserve Officers' Training Corp (AROTC) program at CSUDH offers leadership and management training to students interested in pursuing a career as an officer in the U.S. Army, Army Reserves, or Army National Guard. AROTC offers qualified students, two, three, and four year scholarships which lead to a commission as an Army Second Lieutenant. ROTC classes are conducted at CSUDH. For additional

information, contact the Department of Military Science, CSUDH, at (310) 243-3002.

U.S. Air Force Reserve Officers' Training Corps (AFROTC)

Air Force Officer Training Corps (AFROTC) educates and trains highly qualified undergraduate and graduate students for commissioning as officers in the United States Air Force. AFROTC offers a variety of two, three, and four year scholarships, many of which pay the full cost of college tuition, books and administrative fees. Students attending CSUDH can take AFROTC at any one of the host detachment locations, Loyola Marymount University (LMU), the University of Southern California (USC) or the University of California, Los Angeles (UCLA). Additional information can be found via the internet at www.afrotc.com (<http://www.afrotc.com>).

Student DisAbility Resource Center

WH 180
(310) 243-3660

The purpose of the Student disAbility Resource Center program is to make all of the University's educational, cultural, social and physical facilities and programs available to students with disabilities. Students with verified disabilities, which are permanent or temporary are eligible for a variety of support services from the Student disAbility Resource Center. Information regarding academic accommodations and services available to students with disabilities may be obtained from the director of the Student disAbility Resource Center, 1000 E. Victoria St. Carson, CA 90747. (310) 243-3660 (voice) or (310) 243-2028 (TDD). Access to campus, classroom and facilities are highly accessible. Disabled parking is available close to buildings.

- **Admission Assistance:** Students with disabilities are encouraged to contact the office before applying for admission to obtain general information, assistance with reading and/or filling out forms, and to discuss special needs.
- **Assistive Technology:** Students will have access to assistive technological devices such as Dragon, Kurzweil, ZoomText, electronic books, etc.
- **Academic Accommodations:** Accommodations such as extra time on examinations, alternate site, use of tape recorder and note taker are some of our most common accommodations requested by our students. This is not a definitive list of accommodations. The purpose of accommodations are to help "level the playing field" and is not intended to give unfair advantage to students.
- **Diagnostic Assessment Services and Support:** Diagnostic assessment of specific learning disabilities and the provision of the appropriate support services are available to qualified students. Support services may include use of assistive technology, course substitution, use of auxiliary services (including tutoring) and disability management advising.
- **CSUDH Parking Fee Waiver:** Students who have a DMV disability placard and provide proof of low-income are qualified for a permit waiver for disability parking.
- **Disability Management Advising:** Advising is available to the student who wishes to explore increasing independence, improving communication with faculty, and support through counseling. In addition to individual consultation, students may receive guidance on time management and academic support.
- **Housing:** On-campus student apartments have 18 wheelchair accessible units, which have lowered kitchen counters, roll-in showers and other features.

- **Information and Referral:** The office provides general information and assistance in problem solving. Students routinely encounter difficulties not necessarily related to disability, and the office maintains close relationships with offices on and off campus that can provide special services, including personal and career counseling, job seeking skills training, financial aid and more.

In summary, the Student disAbility Resource Center is committed to the student with a disability and to the student's right to an equal educational experience. The major focus is on the individual needs of the student. The goal is for the student with a disability to utilize the services provided to maximize independence and full integration into university life. The program serves as a centralized source of information for students with disabilities in the enhancement of their academic, career and personal development.

TRIO Student Support Services Program (SSS)

EAC 300
(310) 243-2143

Email: sss@csudh.edu (ss@csudh.edu)

TRIO Student Support Services is a federally funded program designed to provide academic assistance and enhance educational opportunities for students. Federal guidelines require students to be from low-income families, first-generation college students, and/or have a documented disability. Participants must also have an academic need for our program. Our program is designed to support the academic needs of 160 eligible CSU, Dominguez Hills students. Participants are offered an array of services to ensure a smooth transition to CSUDH as well as ongoing support towards the successful completion of their post-secondary education. Interested students should contact the TRIO SSS Office or visit us on our website for more information: <http://www.csudh.edu/sss/>. This program is offered free of charge to participants.

Eligibility is based on federally funded criteria:

- Students who meet low-income qualifications
- Students whose parents have not earned a bachelor's degree
- Individuals who have a documented disability

SSS participants must be:

- U.S. citizens or permanent residents
- Admitted and enrolled at CSU, Dominguez Hills
- Pursuing a first bachelor's degree
- Needing academic support
- Committed to utilizing academic support to earn a bachelor's degree

TRIO SSS offers its participants and array of services, such as but not limited to:

- Academic Advising
- Academic and personal support
- Computer lab with free printing access
- Tutoring services
- Graduate school assistance and field trips to top schools
- Financial literacy education
- Priority Registration
- Student leadership conference opportunities

- Cultural field trips
- Participants are expected to meet program requirements in order to remain in good standing.

TRIO SSS participants must:

- Meet with their program advisor and complete the Action Plan form (every semester)
- Submit a TRIO SSS Progress Report (every semester to be eligible for priority registration)
- Complete four workshop / activities that align with the participant's semester goals, on or off campus
- Maintain a 2.5 GPA
- Be enrolled in 12 or more units

Testing Center

North Library 5705
testing@csudh.edu
(310) 243-3909

The CSU Dominguez Hills Testing Center offers proctoring services and is responsible for the administration of exams such as the Graduate Writing Exam (GWE), Scholastic Assessment Test (SAT), and GRE Subject exams. As an NCTA Certified center, the Testing center adheres to the professional standards and guidelines set forth by the **National College Testing Association (NCTA)**. For more information on Testing Center services, please visit our website at www.csudh.edu/tltc/ (<https://csudh.edu/tltc/>)

Testing Center Hours – Library North 5705

Monday - Friday 8:00 a.m. - 5:00 p.m.

Toro Guardian Scholars

Welch Hall 363
(310) 243-2052

Toro Guardian Scholars (TGS) is a comprehensive program that supports current and former foster youth, McKinney Vento students, and unaccompanied youth with their educational journey. TGS supports Scholars with orienting to campus life, building community, navigating university and community systems, accessing grants, internships, and career opportunities, and graduating with a college degree. TGS is committed to providing Scholars with the support, resources, and advocacy they need to achieve their desired quality of life. Beyond resources, TGS aims to engage campus partners to cultivate safe spaces that help Scholars thrive across campus. To assist Scholars, TGS provides the following services and resources:

- 1:1 service coordination, advocacy, and in-house psychological counseling.
- Emergency support funds to cover necessary expenses like housing, tuition, books, parking permits, and more.
- Priority registration and advocacy with lifting holds.
- Internship, financial literacy, and life skills workshops.
- Community building activities and peer mentorship.
- Lounging area, study space, and free printing.

Toro Learning Center

Library North C-121

(310) 243-3827

Learning Center
North Library C-121
tlc@csudh.edu
(310)243-3827

The Toro Learning & Testing Center (TLTC) offers a variety of academic support to all currently enrolled students in the areas of Math, Science, Arts & Humanities, Natural, Behavioral, and Health Sciences, Computer Science, and Business Administration & Public Policy. The Center is located on the 1st floor of the University Library's North Building, Room C-121. A valid CSUDH student ID card is required to access services and to schedule a tutoring session. Same day sessions can be made when available but scheduling earlier is strongly recommended. For more information, please contact us at (310) 243-3827, visit us online at www.csudh.edu/tltc/learning-center/.

Learning Center Office Hours Library North C-121:

Monday - Thursday 8:00 a.m. - 8:00 p.m.
Friday 8:00 a.m. - 5:00 p.m.

University Bookstore

Loker Student Union
(310) 243-3829

Your University Bookstore is the resource on campus for students, faculty, and staff to acquire all required course materials and supplies. We carry a wide selection of general and value-priced books, popular magazines, greeting cards, Toro apparel and gifts, snacks, juice, soft drinks and health and beauty to accommodate the needs of our campus community.

Bookstore hours of operation are available online at [bkstr.com](https://www.bkstr.com) (<https://www.bkstr.com/csudominguezhillsstore/home/>) or [facebook.com/csudh bookstore](https://www.facebook.com/csudhbookstore/) ([http://www.facebook.com/csudh bookstore/](http://www.facebook.com/csudhbookstore/)).

- Rent-A-Text: For Rent! Hundreds of textbooks are now available for rent. Learn more or find out if your course materials are rental eligible by visiting [bkstr.com](https://www.bkstr.com/csudominguezhillsstore/home/). (<https://www.bkstr.com/csudominguezhillsstore/home/>)
- Sell your text books everyday! The best time is during the week of finals! Get the most cash when you sell a book that will be used again in the next semester. All titles are subject to condition and national demand.
- Course materials and Toro merchandise is available to purchase online for convenient pick-up or delivery! Please visit our website: [bkstr.com](https://www.bkstr.com/csudominguezhillsstore/home/) (<https://www.bkstr.com/csudominguezhillsstore/home/>)
- Gift cards are available at the bookstore in any denomination and can be purchased at the registers or online for your convenience.
- Over 6,000 software titles are available for sale on our website at [bkstr.com](https://www.bkstr.com/csudominguezhillsstore/home/) (<https://www.bkstr.com/csudominguezhillsstore/home/>) and are educationally discounted up to 80%.
- You must present your receipt for any exchange or refund. New text purchases do not write in or soil your book if you plan to exchange it. We reserve the right to pass judgment on the condition of returned items. Defective new books will be replaced at once.
- A full refund will be given on textbooks for a one-week period beginning the first day of the term. To see our full refund policy please

visit [bkstr.com](https://www.bkstr.com/csudominguezhillsstore/home/) (<https://www.bkstr.com/csudominguezhillsstore/home/>).

Veterans Resource Center

LIB SOUTH 3941
(310) 243-2829

The Veterans Resource Center assists military veterans, service members and dependents in successfully navigating their college experience. The center provides advisors, mentors, academic workshops and holistic personal and professional development opportunities to help students' transition to the university.

Writing Center

Hours may vary by semester.

Synchronous Online Tutoring Hours: Monday through Friday, 9 a.m.- 5 p.m. (Closed Wednesdays 12-1 p.m. for staff meetings.)

Asynchronous e-Tutoring Hours: Papers can be submitted any time.

Campus Location: 3rd Floor, Library North

Website: <https://www.csudh.edu/writing-center/>

Email: WritingCenter@csudh.edu (writingcenter@csudh.edu)

The Writing Center is a free resource available to all CSUDH students and is open for the spring in a fully online capacity. We support undergraduate and graduate student writers at any stage of the writing process for any course, department, or program. Students can seek assistance setting goals, generating topics, clarifying ideas, incorporating source materials, organizing, and revising, just to name a few. The Writing Center also supports reading success, offering guidance with planning, mapping, annotating, interpretation, analysis, and summarizing and paraphrasing source texts. Multimedia and multimodal projects are invited and always welcome.

The Writing Center does not provide copyediting or "correction" services, but Writing Associates and Professionals can work with students to identify patterns of grammar usage and various approaches to effectively addressing those patterns in their writing. The CSUDH Writing Center is a low-stakes space outside of the classroom that is free of judgement and assessment where students can explore and develop their own writerly identities.

We offer:

- Synchronous 30-minute one-on-one individual online tutoring with a trained Writing Associate or Writing Professional,
- One-hour appointments for students with certain accommodations,
- Feedback on students' papers via asynchronous e-Tutoring,
- Brief in-class info sessions (15-20 minutes) to share information about our services, and
- Synchronous workshops (topics vary per semester).

Answers To Your Questions

| Topic | Where to Go | Location | Phone (310) 243- |
|--|-----------------------------------|----------|------------------|
| Academic Petition for Exception Procedure | Major Department or Program | | |
| General Education Petition | Academic Programs | WH 440 | 3308 |

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|--|-------------------------------|------------------|-------------------------|--|--|---------------|------|
| Add or Drop Class | Records & Registration Office | WH C-290 | 3645 | Auditing a Class | Records & Registration Office | WH C-290 | 3645 |
| Address Change | Records & Registration Office | WH C-290 | 3645 | Audio Visual | Instructional Technology | LIB 1270 | 3704 |
| Admission Status | Office of Admissions | WH C-290 | 3645 | Books and Supplies | Bookstore | LSU Room 252 | 3829 |
| Advisement: | | | | Building Maintenance/ Repairs/ Problems | Physical Plant | POA E-001 | 3804 |
| College of Arts and Humanities | CAH Student Success Center | LCH C316 | 3264 | Career Information | Career Center | WH 200 | 3625 |
| College of Business Administration & Public Policy | CBAPP Student Success Center | II 1100 & II 340 | 3561 | Cashier | Cashier's Office | WH B-270 | 3780 |
| College of Education | COE Student Success Center | COE 1401 | 2276 | Catering | Campus Dining | LSU Room 215 | 3814 |
| College of Health, Human Services, and Nursing | CHHSN Student Success Center | WH 220 | 2120 or 1(800) 344-5484 | Center for Service Learning, Internships And Civic Engagement (S.L.I.C.E.) | S.L.I.C.E. | VIL 500 | 2438 |
| College of Natural and Behavioral Sciences | CNBS Student Success Center | SBS A-306 | 3535 | Change/ Declaration of Undergraduate Major | Major Department or Program | | |
| Declared Majors | Major Department or Program | | | Change of Graduate Status, Certificate, or Pre-professional Objective | Graduate Studies | WH D-445 | 3756 |
| General Education | Academic Programs | WH 440 | 3308 | Child Care | Child Development Center | CDC 101 | 1015 |
| Graduate | Major Department or Program | | | Computer Problems | IT Help Desk | WH B-370 | 2500 |
| Public Administration (undergraduate) | CBAPP Student Success Center | II 1100 & II 340 | 3561 | Copy Machines | Computer Lab | WH D-160 | 3654 |
| Public Administration (graduate) | MPA Program Office | II 3500 | 3646 | Copy Machines | Library Welch Hall | LIB 2nd Floor | 3715 |
| Exploring Students | | | 3307 | Counseling: | | | |
| Alumni Activities | Alumni Programs | WH C-490 | 2237 | Career Planning | Career Center | WH D-360 | 3625 |
| Annual Giving | Annual Giving | WH C-490 | 2237 | Psychological Counseling | Student Health Center | SHC A-141 | 3818 |
| Application for Admission: | | | | Psychological Counseling | Career Center | WH D-360 | 3625 |
| Undergraduate | Outreach and School Relations | WH D-245 | 3696 | Credit for Prior Learning | University Advisement and Testing Center | WH A-220 | 3538 |
| Graduate | Outreach and School Relations | WH D-245 | 3696 | Degree Application | Records & Registration Office | WH C-290 | 3645 |
| Art Exhibits | Art Gallery | LCH B-114 | 3334/3855 | Degree Evaluation | Records & Registration Office | WH C-290 | 3645 |
| Associated Students, Inc. | Associated Students, Inc. | LSU Room 231 | 3686 | Disabled Student Services (DDS) | Student disAbility Resource Center | WH 180 | 3660 |
| Athletic Programs and Ticket Information | Sports Information | SAC 3131 | 3764 | Disqualification | Dean's Office | | |

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|---|--|-------------|----------------|---------------------------------------|--------------------------------|-----------|------------|
| Distance Learning | Extended Education | WH A-120 | 2288 | General Education Advisement | University Advisement Center | WH A-220 | 3538 |
| Distribution and Posting | Administrative Offices | LSU 131 | 3854 | Graduate Studies | Graduate Studies | WH D-440 | 3756 |
| Educational Opportunity Program (EOP) | EOP Office | WH D-350 | 3632 | Graduation, Application for | Records & Registration Office | WH C-290 | 3645 |
| ELM Requirements | University Advisement and Testing Center | WH A-220 | 3538 | Graduation Requirements (B.A./B.S.) | University Advisement Center | WH A-220 | 3538 |
| Emergency Messages | State University Police | WH B-100 | 3639 | Greek Letter Organizations | Office of Student Life | LSU 111 | 2081 |
| Employment for Students (full-time and part-time) | Career Center | WH D-360 | 3625 | Group Study Sessions | Toro Learning Center | LIB 1575 | 3827 |
| English Placement Test (EPT) Requirements | University Advisement and Testing Center | WH A-220 | 3538 | GWAR/GWE Requirements | Testing Office | LIB 5705 | 3909 |
| Enrollment Verifications | Records & Registration Office | WH C-290 | 3645 | Health Center | Student Health Center | SHC A-129 | 3629 |
| Environmental Health & Occupational Safety | Environmental Health & Occupational Safety | POA F-010 | 2895 | Health Insurance | Associated Students, Inc. | LSU 231 | 3686 |
| ESL - American Language and Culture Program | Extended Education | SAC 2126 | 3830 | Honors Program | Honors Program | | 3308 |
| Evaluations/ General Education | Records & Registration Office | WH C-290 | 3645 | Housing: On & Off-Campus | Housing | Bldg. A | 2228 |
| Extension Class Information | Extended Education | EE 1100 | 3741 | I.D. Card Replacement Information | Records & Registration Office | WH C-290 | 3645 |
| Facilities Scheduling | Procurement & Contracts (P.C.L.A.S.S.) | WH B-485 | 2231 | Information | Outreach and School Relations | WH D-245 | 3696 |
| Fees - Billing | Student Financial Services | WH B-270 | 3780 | Informational Posting | Office of Student Life | LSU 111 | 2081 |
| Fees - Payment | Cashier's Office | WH B-270 | 3780 | Installment Payment Plan | Student Financial Service | WH B-270 | 3780 |
| Financial Aid | Financial Aid | WH B-260 | 3691 | Instructional Media Center | Instructional Technology | LIB 1270 | 3704 |
| Financial Aid Check Distribution | Student Financial Services | WH B-270 | 3780 | International Students: | | | |
| Food Services/ Campus Dining/ Catering | Campus Dining Services Office | LSU 215 | 3814 | Advisement | International Student Services | EE-1300 | 3786 |
| Grab & Go Toros | Welch Hall | Lower Level | (310) 516-3701 | American Language and Culture Program | Extended Education | SAC 2126 | 3830 |
| Grab & Go Toros 2 | Social and Behavioral Sciences Building, 2nd Floor | SBS E-216 | (310) 516-3846 | Foreign Exchange Letters | International Student Services | EE-1300 | 3786 |
| Forensics Team | Theatre Arts | LCH B-104 | 2847 | Immigration Forms | International Student Services | EE-1300 | 3786 |
| Foundation | Foundation | WH 360 | 3306 | Study Abroad | International Education Center | EE 1310 | 3919 |
| | | | | TOEFL Testing | Extended Education | SAC 2126 | 3830 |
| | | | | Jobs | Career Center | WH 200 | 3625 |
| | | | | Learning and Academic Support | Toro Learning Center | LIB 1575 | 3827 |
| | | | | Leave of Absence, Educational | Records & Registration Office | WH C-290 | 3645 |
| | | | | Live Scan | Foundation | WH | 3343, 3639 |

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|--|--|-----------|------------|------------------------------------|------------------------------------|-----------|-----------|
| Lost and Found | State University Police | WH B-100 | 3343, 3639 | Reservations, meeting rooms | Administrative Offices | LSU 131 | 3854 |
| Name Change | Records & Registration Office | WH C-290 | 3645 | Residency | Office of Admissions | WH C-290 | 3645 |
| New Student Orientation | Office of Frist & Second Year Experience | WH 360 | 2322 | Rideshare | Transportation Services | RPM 200 | 2893 |
| Newspaper | The Bulletin | FH B-009 | 2313 | Satellite/Videoconferencing | Distance Learning | WH A-123 | 2288 |
| Older Adult Services | Older Adult Center | SBS B-235 | 2003 | Scholarships | Financial Aid Office | WH B-260 | 3691 |
| Online Courses | Distance Learning | WH A-120 | 2288 | Special Sessions, Information | Extended Education | EE 1100 | 3741 |
| Open University | Extended Education | EE 1100 | 3741 | Spring Intersession | Extended Education | EE 1100 | 3741 |
| Organizations & Clubs | Office of Student Life | LSU 111 | 2081 | Student Organizations | Office of Student Life | LSU 111 | 2081 |
| OSHA Training Institute Education Center | Extended Education | EE 1300 | 2425, 3355 | Study Abroad | International Education Center | EE 1310 | 3919 |
| Osher Lifelong Learning Institute | Extended Education | EE 1300 | 3729 | Study Skills | Toro Learning Center | LIB 1575 | 3827 |
| Outreach and School Relations | Student Recruitment and Information | WH D-245 | 3696 | Student Union (Room Reservations) | Administrative Offices | LSU 131 | 3854 |
| Parking: | | | | Summer Programs Information | Extended Education | EE 1100 | 3741 |
| Fees | Cashier's Office | WH B-270 | 3780 | Teaching Credentials: | | | |
| Information | Parking Office | RPM 200 | 3725/3639 | Multiple and Single Subject | Teacher Education Division | COE 1401 | 3496 |
| Handicapped | Student disAbility Resource Center | WH 180 | 3660 | Administrative Services | Graduate Education Division | COE 1410 | 3524 |
| Pre-Admission | Outreach and School Relations | WH D-245 | 3696 | Pupil Personnel Services | Graduate Education Division | COE 1410 | 3524 |
| Pre-Health Professions Advising | Biology Department | SCI 229 | 3528, 3381 | Special Education | Teacher Education Division | COE 1401 | 3496 |
| Police | State University Police | WH B-100 | 3639 | Telecommunications Device for Deaf | Student disAbility Resource Center | WH 180 | 2028 |
| Police Anonymous Tip Line | State University Police | WH B-100 | 3980 | Telecommunications Device for Deaf | Library Lobby | 2nd Floor | pay phone |
| Reading Skills | Toro Learning Center | LIB 1575 | 3827 | Test Information | Testing Office | LIB 5705 | 3909 |
| Readmission | Office of Admission | WH C-290 | 3645 | Theatre Tickets | Theatre Box Office | UTC B-102 | 3588 |
| Reentry | Cashier's Office | WH B-270 | 3780 | Transportation Services | Transportation Services | RPM 200 | 2893 |
| Refund Applications | Student Financial Services | WH B-270 | 3780 | Transcripts (CSUDH only) | Records & Registration Office | WH C-290 | 3645 |
| Registration: | | | | Travel Study Programs | Extended Education | EE 1100 | 3741 |
| Questions | Records & Registration Office | WH C-290 | 3645 | Tutoring | Toro Learning Center | LIB 1575 | 3827 |
| Registration - Billing | Student Financial Services | WH B-270 | 3780 | | | | |
| Registration - Fees Payment | Cashier's Office | WH B-270 | 3780 | | | | |
| Reinstatement, Graduate | Graduate Studies | WH D-445 | 3756 | | | | |

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| University Advisement | University Advisement and Testing Center | WH 220 | 3538 |
| Vending Machines/ Refunds | Campus Dining | LSU 215 | 3814 |
| Vending Machines/ Refunds | Primary vending locations include kiosks at SCC, LIB, and SAC 2 with locations in every building. | | |
| Veteran's Certification Assistance | Veterans Resource Center | LIB SOUTH 3941 | 2829 |

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| Winter Session, Information | Extended Education | EE 1100 | 3741 |
| Course Withdrawals | Records & Registration Office | WH C-290 | 3645 |
| Women's Issues | Women's Resource Center | Classroom Village (Near Lot 7) | 2486 |
| Young Scholar Program | Distance Learning | WH A-123 | 2288 |

Academic Programs

| Program | College | Level | Type |
|---|---|---------------|----------|
| Accounting, Master of Science (p. 352) | Business Administration and Public Policy | Graduate | Master |
| Advertising and Public Relations, Bachelor of Arts (p. 354) | Arts and Humanities | Undergraduate | Bachelor |
| Africana Studies, Bachelor of Arts (p. 359) | Arts and Humanities | Undergraduate | Bachelor |
| Africana Studies, Minor (p. 361) | Arts and Humanities | Undergraduate | Minor |
| Anthropology, Bachelor of Arts (p. 365) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Anthropology, Minor (p. 370) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Cultural Resource Management, Certificate (p. 370) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Indigenous Peoples of the Americas, Minor (p. 370) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Art, Bachelor of Arts (p. 374) | Arts and Humanities | Undergraduate | Bachelor |
| Art, Minor (p. 375) | Arts and Humanities | Undergraduate | Minor |
| Ceramics, Minor (p. 376) | Arts and Humanities | Undergraduate | Minor |
| Art History, Bachelor of Arts (p. 378) | Arts and Humanities | Undergraduate | Bachelor |
| Art History, Minor (p. 379) | Arts and Humanities | Undergraduate | Minor |
| Arts and Humanities, Master of Arts (p. 380) | Arts and Humanities | Graduate | Master |
| Humanities, Minor (p. 381) | Arts and Humanities | Undergraduate | Minor |
| Asian-Pacific Studies, Bachelor of Arts (p. 384) | Arts and Humanities | Undergraduate | Bachelor |
| Asian-Pacific Studies, Minor (p. 387) | Arts and Humanities | Undergraduate | Minor |
| Audio Engineering, Bachelor of Arts (p. 388) | Arts and Humanities | Undergraduate | Bachelor |
| Behavioral Science, Bachelor of Arts (p. 390) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Behavioral Science, Minor (p. 392) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Biochemistry, Bachelor of Science (p. 394) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Biology, Bachelor of Arts (p. 402) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Biology, Bachelor of Science (p. 404) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Biology, Minor (p. 410) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Biology, Master of Science (p. 408) | Natural and Behavioral Sciences | Graduate | Master |

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| Biology, Subject Matter Preparation (p. 410) | Natural and Behavioral Sciences | Graduate | Subject |
| Microbiology, Minor (p. 410) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Biophysics, Bachelor of Science (p. 412) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Accounting, Certificate (p. 417) | Business Administration and Public Policy | Undergraduate | Cert |
| Business Administration, Bachelor of Science (p. 418) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Business Administration, Minor (p. 436) | Business Administration and Public Policy | Undergraduate | Minor |
| Data Analytics, Minor (p. 436) | Business Administration and Public Policy | Undergraduate | Minor |
| Executive Management Certificate (p. 437) | Business Administration and Public Policy | Undergraduate | Cert |
| Information Systems, Certificate (p. 438) | Business Administration and Public Policy | Undergraduate | Cert |
| Information Systems, Minor (p. 438) | Business Administration and Public Policy | Undergraduate | Minor |
| Information Systems Security, Minor (p. 437) | Business Administration and Public Policy | Undergraduate | Minor |
| Logistics Management, Post-MBA Certificate (p. 439) | Business Administration and Public Policy | Graduate | Cert |
| Management, Minor (p. 439) | Business Administration and Public Policy | Undergraduate | Minor |
| Marketing, Certificate (p. 439) | Business Administration and Public Policy | Undergraduate | Cert |
| Marketing, Minor (p. 439) | Business Administration and Public Policy | Undergraduate | Minor |
| Marketing, Post-MBA Certificate (p. 440) | Business Administration and Public Policy | Graduate | Cert |
| Sports Management, Certificate (p. 440) | Business Administration and Public Policy | Undergraduate | Cert |
| Chemistry, Bachelor of Arts (p. 443) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Chemistry, Bachelor of Science (p. 446) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Chemistry, Subject Matter Authorization (p. 447) | Natural and Behavioral Sciences | Graduate | Subject |
| Organic/Biochemistry, Minor (p. 448) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Chicana/Chicano Studies, Bachelor of Arts (p. 451) | Arts and Humanities | Undergraduate | Bachelor |
| Chicana/Chicano Studies, Minor (p. 453) | Arts and Humanities | Undergraduate | Minor |
| Child Development, Bachelor of Science (p. 456) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Clinical Science, Bachelor of Science (p. 470) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Clinical Science - Cytotechnology, Post-Baccalaureate Certificate (p. 469) | Health, Human Services, and Nursing | Post-Baccalaureate | Cert |
| Clinical Science - Medical Technology, Post-Baccalaureate Certificate (p. 469) | Health, Human Services, and Nursing | Post-Baccalaureate | Cert |
| Advertising, Minor (p. 478) | Arts and Humanities | Undergraduate | Minor |

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|---|---|--------------------|------------|
| Communications, Minor (p. 478) | Arts and Humanities | Undergraduate | Minor |
| Computer Science, Bachelor of Science (p. 483) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Computer Science, Certificate (p. 485) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Computer Science, Minor (p. 489) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Computer Science, Master of Science (p. 486) | Natural and Behavioral Sciences | Graduate | Master |
| Computer Technology, Bachelor of Arts (p. 492) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Computer Technology, Certificate (p. 496) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Computer Technology, Minor (p. 496) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Child Welfare and Attendance Authorization (p. 503) | Education | Graduate | Credential |
| College Counseling, Certificate (p. 504) | Education | Graduate | Cert |
| Counseling, Master of Science (p. 504) | Education | Graduate | Master |
| School Counseling, Pupil Personnel Credential (p. 505) | Education | Graduate | Credential |
| Criminal Justice Administration, Bachelor of Science (p. 508) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Criminal Justice Administration, Minor (p. 511) | Business Administration and Public Policy | Undergraduate | Minor |
| Cyber Security, Master of Science (p. 514) | Natural and Behavioral Sciences | Graduate | Master |
| Dance, Bachelor of Arts (p. 519) | Arts and Humanities | Undergraduate | Bachelor |
| Dance, Minor (p. 522) | Arts and Humanities | Undergraduate | Minor |
| Design, Bachelor of Arts (p. 524) | Arts and Humanities | Undergraduate | Bachelor |
| Design, Minor (p. 526) | Arts and Humanities | Undergraduate | Minor |
| Digital Graphics, Minor (p. 526) | Arts and Humanities | Undergraduate | Minor |
| Photography, Minor (p. 526) | Arts and Humanities | Undergraduate | Minor |
| Audio Technology, Certificate (p. 530) | Arts and Humanities | Undergraduate | Cert |
| Digital Media Arts, Bachelor of Arts (p. 530) | Arts and Humanities | Undergraduate | Bachelor |
| Television Arts, Certificate (p. 531) | Arts and Humanities | Undergraduate | Cert |
| Earth Science, Bachelor of Science (p. 533) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Earth Sciences, Minor (p. 535) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Educational Leadership Justice, Doctorate (p. 539) | Education | Post-Baccalaureate | Doctorate |
| Educational Leadership Justice (p. 535) | Education | Post-Baccalaureate | Doctorate |
| Creative Writing, Minor (p. 547) | Arts and Humanities | Undergraduate | Minor |
| English, Bachelor of Arts (p. 547) | Arts and Humanities | Undergraduate | Bachelor |
| English, Master of Arts (p. 551) | Arts and Humanities | Graduate | Master |
| English, Minor (p. 553) | Arts and Humanities | Undergraduate | Minor |
| English, Subject Matter Preparation (p. 553) | Arts and Humanities | Graduate | Subject |
| Linguistics, Minor (p. 553) | Arts and Humanities | Undergraduate | Minor |
| Professional and Creative Writing, Certificate (p. 553) | Arts and Humanities | Undergraduate | Cert |

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|--|--------------------------------------|---------------|------------|
| Rhetoric and Composition, Certificate (p. 554) | Arts and Humanities | Undergraduate | Cert |
| Teaching of English to Speakers of Other Languages (TESOL), Certificate (p. 554) | Arts and Humanities | Graduate | Cert |
| Environmental Science, Master of Science (p. 556) | Natural and Behavioral Sciences | Graduate | Master |
| Alcohol and Drug Counseling, Certificate (p. 497) | Extended and International Education | Undergraduate | Cert |
| American Language and Culture Program (p. 497) | Extended and International Education | Graduate | Credential |
| Assistive Technology, Specialist Certificate (p. 497) | Extended and International Education | Undergraduate | Cert |
| Communication Sciences and Disorders, Certificate (p. 497) | Extended and International Education | Undergraduate | Cert |
| Community College Teaching, Certificate (p. 498) | Extended and International Education | Undergraduate | Cert |
| Designated Subjects Adult Education, Teaching Credential (p. 499) | Extended and International Education | Graduate | Credential |
| Human Resources Management, Certificate (p. 499) | Extended and International Education | Undergraduate | Cert |
| Mediation and Conflict Resolution, Certificate (p. 500) | Arts and Humanities | Undergraduate | Cert |
| Production and Inventory Control, Certificate (p. 500) | Extended and International Education | Undergraduate | Cert |
| Purchasing, Certificate (p. 500) | Extended and International Education | Undergraduate | Cert |
| Sport and Fitness Psychology, Certificate (p. 501) | Extended and International Education | Undergraduate | Cert |
| Film, Television, and Media, Bachelor of Arts (p. 565) | Arts and Humanities | Undergraduate | Bachelor |
| Film and Television Production, Bachelor of Arts (p. 559) | Arts and Humanities | Undergraduate | Bachelor |
| Geography, Bachelor of Arts (p. 569) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Geography, Minor (p. 570) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Geotechniques, Certificate (p. 571) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Administrative Services Credential (p. 573) | Education | Graduate | Credential |
| Higher Education Administration and Leadership (HEAL), Graduate Certificate (p. 575) | Education | Graduate | Cert |
| Health Science, Bachelor of Science (p. 583) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Health Science, Minor (p. 591) | Health, Human Services, and Nursing | Undergraduate | Minor |
| Health Science, Master of Science (p. 588) | Health, Human Services, and Nursing | Graduate | Master |
| History, Bachelor of Arts (p. 596) | Arts and Humanities | Undergraduate | Bachelor |
| History, Minor (p. 600) | Arts and Humanities | Undergraduate | Minor |
| Specific History Subject Matter Authorization (p. 600) | Arts and Humanities | Graduate | Subject |
| Human Services, Bachelor of Arts (p. 603) | Health, Human Services, and Nursing | Undergraduate | Bachelor |

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| Mental Health Recovery, Certificate (p. 606) | Health, Human Services, and Nursing | Undergraduate | Cert |
| Humanities External, Master of Arts (p. 610) | Extended and International Education | Graduate | Master |
| Academics (p. 344) | Extended and International Education | | |
| Information Technology, Bachelor of Science (p. 613) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Environmental Studies, Minor (p. 617) | Arts and Humanities | Undergraduate | Minor |
| Global Studies, Minor (p. 617) | Arts and Humanities | Undergraduate | Minor |
| Interdisciplinary Studies, Bachelor of Arts (p. 619) | Arts and Humanities | Undergraduate | Bachelor |
| Interdisciplinary Studies, Minor (p. 623) | Arts and Humanities | Undergraduate | Minor |
| Journalism, Bachelor of Arts (p. 625) | Arts and Humanities | Undergraduate | Bachelor |
| Journalism: Latinx Concentration, Bachelor of Arts (p. 627) | Arts and Humanities | Undergraduate | Bachelor |
| Coaching, Minor (p. 636) | Health, Human Services, and Nursing | Undergraduate | Minor |
| Fitness Instructor, Certificate (p. 636) | Health, Human Services, and Nursing | Undergraduate | Cert |
| Education: Physical Education Administration, Master of Arts (p. 636) | Health, Human Services, and Nursing | Graduate | Master |
| Physical Education, Bachelor of Arts (p. 637) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Physical Education, Subject Matter Preparation (p. 641) | Health, Human Services, and Nursing | Graduate | Subject |
| Teaching, Minor (p. 641) | Health, Human Services, and Nursing | Undergraduate | Minor |
| Labor Studies, Bachelor of Arts (p. 644) | Arts and Humanities | Undergraduate | Bachelor |
| Labor Studies, Certificate (p. 645) | Arts and Humanities | Undergraduate | Cert |
| Labor Studies, Minor (p. 646) | Arts and Humanities | Undergraduate | Minor |
| Language and Linguistics, Bachelor of Arts (p. 652) | Arts and Humanities | Undergraduate | Bachelor |
| Liberal Studies, Bachelor of Arts (p. 658) | Education | Undergraduate | Bachelor |
| Liberal Studies: Integrated (Multiple Subject) Option, Bachelor of Arts (p. 675) | Education | Undergraduate | Bachelor |
| Liberal Studies ITEP Mild/Moderated Disabilities Option, Bachelor of Arts (p. 656) | Education | Undergraduate | Bachelor |
| Marital and Family Therapy, Master of Science (p. 683) | Health, Human Services, and Nursing | Graduate | Master |
| Introductory Mathematics, Subject Matter Authorization (p. 690) | Natural and Behavioral Sciences | Graduate | Subject |
| Mathematics, Bachelor of Science (p. 690) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Mathematics, Minor (p. 693) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Introductory and Specific Music, Subject Matter Authorization (p. 703) | Arts and Humanities | Graduate | Subject |

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|---|---|--------------------|-----------|
| Music, Bachelor of Arts (p. 704) | Arts and Humanities | Undergraduate | Bachelor |
| Music Education, Minor (p. 704) | Arts and Humanities | Undergraduate | Minor |
| Conflict Analysis and Resolution, Post-Master's Certificate (p. 714) | Arts and Humanities | Graduate | Cert |
| Negotiation, Conflict Resolution and Peacebuilding, Bachelor of Arts (p. 715) | Arts and Humanities | Undergraduate | Bachelor |
| Negotiation, Conflict Resolution and Peacebuilding, Master of Arts (p. 716) | Arts and Humanities | Graduate | Master |
| Clinical Nurse Specialist, Post-Master's Certificate (p. 723) | Health, Human Services, and Nursing | Graduate | Cert |
| Neonatal Clinical Nurse Specialist, Post-Master's Certificate (p. 724) | Health, Human Services, and Nursing | Post-Baccalaureate | Cert |
| Nursing Administration, Post-Master's Certificate (p. 724) | Health, Human Services, and Nursing | Graduate | Cert |
| Nursing, Bachelor of Science (p. 725) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Nursing Education, Post-Master's Certificate (p. 725) | Health, Human Services, and Nursing | Graduate | Cert |
| Nursing, Master of Science (p. 727) | Health, Human Services, and Nursing | Graduate | Master |
| Occupational Therapy, Master of Science (p. 738) | Health, Human Services, and Nursing | Graduate | Master |
| Occupational Therapy, Doctorate (p. 741) | Health, Human Services, and Nursing | Graduate | Doctorate |
| Organizational Leadership Studies, Bachelor of Science (p. 745) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Philosophy, Bachelor of Arts (p. 749) | Arts and Humanities | Undergraduate | Bachelor |
| Philosophy, Minor (p. 752) | Arts and Humanities | Undergraduate | Minor |
| Religious Studies, Minor (p. 752) | Arts and Humanities | Undergraduate | Minor |
| Physics, Bachelor of Science (p. 756) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Physics, Minor (p. 760) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Political Science, Bachelor of Arts (p. 765) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Political Science, Minor (p. 770) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Psychology, Bachelor of Arts (p. 780) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Psychology, Master of Arts (p. 782) | Natural and Behavioral Sciences | Graduate | Master |
| Psychology, Minor (p. 784) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Criminal Justice Administration, Minor (p. 790) | Business Administration and Public Policy | Undergraduate | Minor |
| Public Administration, Bachelor of Science (p. 790) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Public Administration, Minor (p. 797) | Business Administration and Public Policy | Undergraduate | Minor |
| Public Administration, Master of Public Administration (p. 797) | Business Administration and Public Policy | Graduate | Master |
| Quality Assurance, Bachelor of Science (p. 802) | Extended and International Education | Undergraduate | Bachelor |
| Quality Assurance, Master of Science (p. 803) | Extended and International Education | Graduate | Master |

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|---|-------------------------------------|--------------------|------------|
| Radiologic Imaging Sciences, Certificate (p. 807) | Health, Human Services, and Nursing | Undergraduate | Cert |
| Radiologic and Imaging Sciences, Master of Science (p. 806) | Health, Human Services, and Nursing | Graduate | Master |
| School Leadership, Master of Arts (p. 809) | Education | Graduate | Master |
| Social Work, Master of Social Work (p. 814) | Health, Human Services, and Nursing | Graduate | Master |
| Community Organizing, Certificate (p. 820) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Social Research, Certificate (p. 821) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Social Research, Graduate Certificate (p. 821) | Natural and Behavioral Sciences | Graduate | Cert |
| Sociology, Bachelor of Arts (p. 821) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Sociology, Master of Arts (p. 824) | Natural and Behavioral Sciences | Graduate | Master |
| Sociology, Minor (p. 826) | Natural and Behavioral Sciences | Undergraduate | Minor |
| PRE-SERVICE TEACHER BILINGUAL AUTHORIZATION IN SPANISH, CERTIFICATE (p. 829) | Arts and Humanities | Undergraduate | Cert |
| Spanish, Bachelor of Arts (p. 831) | Arts and Humanities | Undergraduate | Bachelor |
| Spanish Culture, Minor (p. 830) | Arts and Humanities | Undergraduate | Minor |
| Spanish Grammar and Writing, Minor (p. 830) | Arts and Humanities | Undergraduate | Minor |
| Spanish Linguistics, Minor (p. 830) | Arts and Humanities | Undergraduate | Minor |
| Spanish Literature, Minor (p. 831) | Arts and Humanities | Undergraduate | Minor |
| Spanish, Subject Matter Preparation (p. 834) | Arts and Humanities | Graduate | Subject |
| Assistive Technology Specialist, Certificate (p. 838) | Education | Undergraduate | Cert |
| Preliminary Education Specialist: Early Childhood Special Education, Intern Option, Credential (p. 839) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Early Childhood Special Education, Student Teaching Option, Credential (p. 840) | Education | Post-Baccalaureate | Credential |
| Early Childhood Special Education Authorization (p. 839) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Extensive Support Needs, Intern Option, Credential (p. 841) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Extensive Support Needs, Student Teaching Option, Credential (p. 842) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Mild to Moderate Support Needs, Intern Option, Credential (p. 842) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Mild to Moderate Support Needs, Student Teaching Option, Credential (p. 843) | Education | Post-Baccalaureate | Credential |
| Special Education, Master of Arts (p. 844) | Education | Graduate | Master |

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| Teacher Induction Program (Clear Credential) (p. 846) | Education | Post-Baccalaureate | Credential |
| Systems Engineering, Master of Science (p. 851) | Natural and Behavioral Sciences | Graduate | Master |
| Pre-Service Teacher Bilingual Authorization in Spanish, Certificate (p. 865) | Education | Post-Baccalaureate | Cert |
| Dual Language Learning, Certificate (p. 860) | Education | Undergraduate | Cert |
| Education, Master of Arts (p. 861) | Education | Graduate | Master |
| Multiple Subject Preliminary: Student Teaching Option, Credential (p. 864) | Education | Post-Baccalaureate | Credential |
| Multiple Subject Preliminary: University Intern Option, Credential (p. 864) | Education | Post-Baccalaureate | Credential |
| Single Subject Preliminary: Student Teaching Option, Credential (p. 866) | Education | Post-Baccalaureate | Credential |
| Single Subject Preliminary: University Intern Option, Credential (p. 866) | Education | Post-Baccalaureate | Credential |
| Subject Matter Authorizations (p. 867) | Education | Post-Baccalaureate | Subject |
| Transitional Kindergarten, Certificate (p. 868) | Education | Undergraduate | Cert |
| Speech, Minor (p. 871) | Arts and Humanities | Undergraduate | Minor |
| Theatre Arts, Bachelor of Arts (p. 871) | Arts and Humanities | Undergraduate | Bachelor |
| Theatre Education, Minor (p. 873) | Arts and Humanities | Undergraduate | Minor |
| Theatre Performance, Minor (p. 873) | Arts and Humanities | Undergraduate | Minor |
| Women's Studies, Bachelor of Arts (p. 876) | Arts and Humanities | Undergraduate | Bachelor |
| Women's Studies, Minor (p. 877) | Arts and Humanities | Undergraduate | Minor |
| CAH Student Success Center (p. 21) | Arts and Humanities | | |
| CBAPP Student Success Center (p. 22) | Business Administration and Public Policy | | |
| CHHSN Student Success Center (p. 22) | Health, Human Services, and Nursing | | |
| CNBS Student Success Center (p. 23) | Natural and Behavioral Sciences | | |

The Faculty

A

Yann Abdourazakou (2015)

Professor of Management and Marketing
B.S., 1999, University of Quebec; M.S., 2001, University of Rouen; Ph.D, 2004, University of Rouen

Jennifer Adeva (2011)

Head Coach, Volleyball
B.A., 1997, California State University, Fullerton; M.A., 1999, Azusa Pacific University

Tahreh Aghdasifar (2020)

Assistant Professor of Women's Studies

B.A., 2009, Georgia State University; M.A. 2011, Georgia State University; Ph.D. 2018, Emory University

Adriana Aldana (2015)

Associate Professor of Social Work
B.A., 2007, California State University, Northridge; M.S.W., 2009, University of Michigan; M.S., 2011, University of Michigan; Ph.D., 2014, University of Michigan

Amy Allen (2018)

Assistant Professor of Dance
B.A., 2003, Loyola Marymount University; MFA, 2011, University of California, Irvine

Timothy Anderson (2022)

Coaching Assistant, Men's Basketball

B.S., 2017, California Baptist University; M.S., 2018, California Baptist University

Cathryn Andrade (2018)

Assistant Professor of Nursing
ADN, 1995, Los Angeles Pierce College; B.S., 2005, Maryville University;
M.S., 2007, Maryville University; DNP, 2016, American Sentinel University

Terri Ares (2015)

Associate Professor of School of Nursing
B.S., 1998, California State University, Dominguez Hills; M.S., 2005,
California State University, Dominguez Hills; Ph.D., 2013, Villanova
University

Nallely Arteaga (2020)

Assistant Professor of Teacher Education
B.A., 2009, University of California, Santa Barbara; M.A., 2011, University
of Southern California; Ph.D., 2020, University of California, Riverside

Hugo Asencio (2013)

Associate Professor of Public Administration
B.A., 2007, Auburn University at Montgomery; M.A., 2008, Auburn
University at Montgomery; Ph.D., 2012, Auburn University

Lynn Gary Atkins, Jr. (2022)

Assistant Professor of Music
B.M., 2004, Westminster Choir College of Rider University; MM/DMA,
2012, James Madison University

Diego E Avalos (2020)

Assistant Professor of Criminal Justice Administration
B.A., 2008, California State University, San Marcos; M.A., 2013, California
State University, San Marcos; Ph.D., 2020, Arizona State University

Teodross Avery (2017)

Assistant Professor of Music
B.F.A., 1995, Berkley College of Music; M.M., 2006, New York University;
DMA, 2016, University of Southern California

Maria Avila (2014)

Associate Professor of Social Work
B.A., 1984, University of Chicago; M.A., 1987, University of Chicago; Ph.D.,
2012, National University of Ireland

B

Gayle Ball-Parker (1984)

Director, Presidential Scholar
40016 - PRESIDENTIAL SCHOLARS

Kelli Y. Beard (2001)

Professor of Teacher Education
B.A., 1990, California State University, Long Beach; M.A., 1995,
Pepperdine University; Ph.D., 1998, University of Oregon

Tracy Ann Becerra-Culqui (2020)

Assistant Professor of Occupational Therapy
B.S., 2005, University of Southern California; MPH, 2008, University of
California, Los Angeles; Ph.D., 2013, University of California, Los Angeles

Stephen Becker (2012)

Head Coach, Men's Basketball
B.A., 2009, California State University, Monterey Bay; MCAA, 2012,
Concordia University

Mohsen Beheshti (2003)

Professor of Computer Science
B.S., 1985, University of Louisiana; M.S., 1986, University of Louisiana;
Ph.D., 1992, University of Louisiana

Bogdana Belu (2006)

Professor of Philosophy
B.A., 1993, San Diego State University; M.A., 1997, San Francisco State University; P

Corina Benavides López (2013)

Lyle E. Gibson Distinguished Teacher Award, 2019
Associate Professor of Chicana & Chicano Studies
B.A., 1996, University of California, Los Angeles; M.A., 2000, Stanford
University; Ph.D., 2010, University of California, Los Angeles

Orie Michael Berezan (2014)

Excellence in Research, Scholarship and Creative Activity Award, 2019
Associate Professor of Management and Marketing
B.Com., 1990, University of Alberta, Canada; M.S., 2000, University of
Nevada, Las Vegas; Ph.D., 2012, University of Nevada, Las Vegas

Libby Bergen (2006-2016)

Lecturer AY / Part-Time
28900 - TEACHER EDUCATION

Shari Berkowitz (2014)

Associate Professor of Criminal Justice
B.A., 2004, University of California, Irvine;
Ph.D., 2010, University of California, Irvine

Debra Best (2004)

Presidential Outstanding Professor, 2020
Professor of English
B.A., 1988, Pomona College; M.A., 1991, University of North Carolina,
Chapel Hill; Ph.D., 2000, University of North Carolina, Chapel Hill

Antonia Boadi (2015)

Associate Professor of Physics
B.S., 1985, California State University, Dominguez Hills; MSEE, 1991,
University of Southern California; MSCeng, 1998, University of Southern
California; Ph.D., 2007, University of Southern California

Charmayne Faye Bohman (1971-2004)

Instr Fac AY / Part-Time
23200 - GRADUATE EDUCATION

Jessalyn Bolkema (2020)

Assistant Professor of Mathematics
B.A., 2012, Hope College; M.S., 2014, University of Nebraska; Ph.D., 2018,
University of Nebraska

Giacomo Bono (2014)

Associate Professor of Psychology
B.A., 1995, University of California, Santa Cruz; M.A., 1999, Claremont
Graduate University; Ph.D., 2003, Claremont Graduate University

Ryan Bowles Eagle (2013)

Lyle E. Gibson Distinguished Teacher Award, 2020
Associate Professor of Communications
B.A., 2004, University of Southern California; B.A., 2004, University of
Southern California; M.A., 2005, University of York; M.A., 2009, University
of California, Santa Barbara; Ph.D., 2011, University of California, Santa
Barbara; Ph.D., 2013, University of California, Santa Barbara

Jenn Brandt (2018)

Professor of Women's Studies

B.A., 2002, Drew University; M.A., 2007, Bowling Green State University; Ph.D., 2002, University of Rhode Island

Kaitlyn Breiner (2017)

Assistant Professor of Child Development

B.A., 2009, Temple University; M.A., 2013, University of California, Los Angeles; Ph.D., 2016, University of California, Los Angeles

Cornelia Brentano (2007)

Associate Professor of Human Development

B.A., 1991, University of California, Irvine; M.A., 1994, University of California, Irvine; Ph.D., 2001, University of California, Irvine

William David Brice (2014)

Professor of Management and Marketing

BBA, 1989, University of Hawaii; MBA, 1996, University of Hawaii; Ph.D., 2005, University of Hawaii

Sarah Britto (2020)

Assistant Professor in Public Administration

B.A., 1992, Louisiana State University; M.S., 1994, Florida State University; MLS, 2016, University of Wisconsin-Milwaukee; Ph.D., 1998, Florida State University

Jennifer Brodmann (2018)

Assistant Professor of Accounting Finance and Economics

BFA, 2006, Academy of Art University; MBA, 2013, University of New Orleans; M.S., 2016, University of New Orleans; Ph.D., 2018, University of New Orleans

Mekeisha Buffaloe (2018)

Counseling Psychologist in SH&PS

B.A., 2006, University of California, Irvine; M.A., 2009, Argosy University; M.A., 2015, Alliant International University; Ph.D., 2017, Alliant International University

Brant Burkey (2014)

Associate Professor of Communications

B.A., 1993, Sonoma State University; M.S. 1997, University of Oregon; Ph.D., 2014, University of Oregon

Michele Bury (2002)

Professor of Visual Arts

B.F.A., 1992, Ecole Charpentier, France; M.F.A., 2000, University of California, Los Angeles

Heather Butler (2013)

Associate Professor of Psychology

B.A., 2003, California State University, San Marcos; M.A., 2006, California State University, San Marcos; Ph.D., 2013, Claremont Graduate University

Theodore Byrne (2005)

Professor of Public Administration and Public Policy

B.A., 1988, Seattle University; MBA, 1991, Pepperdine University; J.D., 1992, Pepperdine University; L.L.M., 2004, Loyola Law School

C

Shaunté Caraballo (2019)

Assistant Professor of Theatre and Dance

B.A., 2004, California Baptist University; M.F.A., 2007, California State University

Kaylie Carbine (2020)

Assistant Professor of Psychology

B.S., 2015, Brigham Young University; Ph.D., 2020, Brigham Young University

B.S., 2002, University of Rhode Island

Stephanie Cariaga (2018)

Assistant Professor of Teacher Education

B.A., University of California, Berkeley; M.Ed., 2007, University of California, Los Angeles; Ph.D., 2018, University of California, Los Angeles

Alfredo Carlos (2022)

Assistant Professor of Labor Studies

B.A., 2003, University of California, Santa Barbara; M.A., 2008, California State University, Long Beach; Ph.D., 2015, University of California, Irvine

Amalia Castaneda (2021)

Senior Assistant Librarian of University Library

B.A., 2011, University of California, Los Angeles; MLIS, 2019, University of California, Los Angeles

Kirti Celly (2001)

Professor of Marketing

B.A., 1983, University of Bombay; M.A., 1985, University of Bombay; Ph.D., 1992, University of Southern California

Hyo-Joon Chang (2018)

Assistant Professor of Political Science

B.A., 2005, Yonsei University; M.A., 2010, Yonsei University; Ph.D., 2018, University of Maryland

Gioella Chaparro (2018)

Assistant Professor of Kinesiology

B.S., 2011, California State University, Northridge; M.S., 2013, California State University, Northridge; Ph.D., 2018, University of Illinois at Urbana

Amlan Chatterjee (2015)

Associate Professor of Computer Science

B.Tech., 2007, West Bengal University of Technology; M.S., 2009, University at Buffalo; Ph.D., 2014, University of Oklahoma

Marisela Chavez (2005)

Lyle E. Gibson Distinguished Teacher Award, 2016

Professor of Chicana & Chicano Studies

B.A., 1994, Occidental College; M.A., 1997, Arizona State University; Ph.D., 2004, Stanford University

Scott Cheatham (2013)

Professor of Kinesiology and Recreation

B.A., 1997, California State University, Dominguez Hills; DPT, 2004, Chapman University; Ph.D., 2016, Nova Southeastern University

Nancy Ann Cheever (2004)

Presidential Outstanding Professor,

2018; CSU Faculty Innovation and Leadership Award, 2018-19

Professor of Communications

B.A., 1994, California State University, Dominguez Hills; M.A., 1999, California State University

Alexander Chen (2018)

Assistant Professor of Mathematics

B.S., 2005, Stanford University; Ph.D., 2007, University of California, Los Angeles

Chi Weng Chen (2015)

Associate Professor of Information Systems and Operations Management

BBA, 2003, National Change Hsing University; MBA, 2005, National Chiao Tung University; Ph.D., 2015, Baruch College, City University of New York

Parveen K Chhetri (2018)

Associate Professor of Earth Science and Geography
B.S., 2005, Tribhuvan University; M.S., 2008, Tribhuvan University; M.S., 2012, Hokkaido University; Ph.D., 2017, Texas A&M University

Jenny Chiappe (2019)

Assistant Professor of Education
B.A., 2006, University of California, Los Angeles; M.A., 2008, Teachers College, Columbia University; Ph.D., University of California, Los Angeles

Timothy S. Chin (2000)

Lyle E. Gibson Distinguished Teacher Award, 2003
Professor of English
B.A., 1981, State University of New York, Buffalo; M.A., 1986, University of Michigan, Ann Arbor; Ph.D., 1992, University of Michigan, Ann Arbor

Anne Soon Choi (2008)

Lyle E. Gibson Distinguished Teacher Award, 2022
Professor of Interdisciplinary Studies
B.A., 1994, Indiana University; M.A., 1999, University of Massachusetts; Ph.D., 2004, University of Southern California; MPH and MSW, 2012, University of California, Los Angeles

Hee Kwang Choi (2004)

Associate Professor of Biology
B.A., 1990, University of Chicago; Ph.D., 2000, Boston University

Lauren Chow (2015)

Head Coach, Strength and Conditioning
B.S., 2011, California State University, Fullerton; M.S., 2013, California State University, Fullerton

Natasa Christodoulidou (2007)

Professor of Management and Marketing
B.S., 1995, Arizona State University; M.S., 1997, Arizona State University; MBA, 2001, University of Wisconsin, Milwaukee; Ph.D., 2006, University of Nevada, Las Vegas

Edward Kui-Ming Chu (1984)

Professor of Information Systems
B.A., 1976, University of Wisconsin, Madison; MBA, 1980, Roosevelt University, Chicago; Ph.D., 1985, University of Southern California; Ph.D., 1997, University of Notre Dame

Helen Chun (2004)

Associate Professor of Biology
B.A., 1993, Smith College; Ph.D., 2002, University of California, Los Angeles

Ximena Cid (2015)

Associate Professor of Physics
B.A., 2005, University of California, Berkeley; M.S., 2010, University of Texas; Ph.D., 2011, University of Texas

Margaret Clarke (2018)

Senior Assistant Librarian of University Library
MLIS, 2017, University of California, Los Angeles

Horace Crogman (2019)

Assistant Professor of Physics
B.S., 1997, Midwestern State University; M.A., 1999, University of Arkansas; Ph.D., 2004, University of Arkansas

Edward Curammeng (2017)

Associate Professor of Teacher Education
B.A., 2006, San Francisco State University; M.A., 2010, San Francisco University; Ph.D., 2017, University of California, Los Angeles

D**Paula D'Amore (2004)**

Associate Professor of Health Sciences
B.S., 1970, University of Vermont; M.S., 1976, State University of New York, Buffalo; Ph.D., 1980, State University of New York, Buffalo

Ana X. De La Serna (2018)

Assistant Professor of Communications
B.A., 2004, Universidad Nacional Autonoma de Mexico; M.A., 2013 Instituto Tecnológico y de Estudios Superiores de Monterrey; Ph.D., 2018, University of California, Los Angeles

William De Luca (1991)

Professor of Theatre Arts
B.S., 1972, Villanova University; M.A., 1974, Villanova University; M.F.A., 1979, Yale University

Glenn DeVoogd (2015)

Professor of Teacher Education

Kara Dellacioppa (2003)

Professor of Sociology
B.A., 1992, San Francisco State University; M.A., 1997, San Francisco State University; M.A., 1998, University of California, Santa Barbara; Ph.D., 2001, University of California, Santa Barbara

Xuefie Nancy Deng (2014)

Excellence in Research, Scholarship, and Creative Activity Award, 2017
Professor of Information Systems and Operations Management
B.A., 1989, Sun Yat-Sen University; M.A., 1991, Sun Yat-Sen University; MBA, 1996, American University; M.S., 2000, Carnegie Mellon University; Ph.D., 2006, Carnegie Mellon University

Prakash Dheeriyaa (1991)

Professor of Accounting and Finance
B. Commerce, 1982, University of Bombay; M.M.S., 1984, University of Bombay; Ph.D., 1987, University of North Texas

David Dixon (2015)

Professor of Political Science
B.A., 1985, Wheaton College; M.A., 1988, Pennsylvania State University; Ph.D., 1985, University of Southern California; Ph.D., 1997, University of Notre Dame

Katie Dowse (2020)

Assistant Professor of Theatre
B.A., 2011, Pitzer College; M.F.A., 2014, Temple University

Paul Quang Duong Tran (2018)

Professor of Social Work
B.A., 1984, Portland State University; B.S., 1985, Portland State University; M.S., 1989, Portland State University; MSW, 1993, University of Washington; Ph.D., 1992, University of Washington

E**Virginia Todd Eames (2016)**

Associate Professor of Communications
B.A., 1999, Brown University; M.F.A., 2007, University of Texas at Austin

Warren Edmonson (2006)

Head Coach, Women's Track and Field

Susan Einbinder (2007)

Professor of Social Work
B.A., 1985, Columbia University; M.S., 1988, Columbia University; Ph.D., 1995, Columbia University

Kirstin Lynne Ellsworth (2014)

Lyle E. Gibson Distinguished Teacher Award, 2021
Associate Professor of Art and Design
B.A., 1991, Butler University; M.A., 1995, Indiana University;
M.A., 1999, Indiana University; Ph.D., 2005, Indiana University

Kristen Emory (2022)

Assistant Professor of Health Science
B.A., 2005, San Diego State University; M.A., 2007, San Diego State University; Ph.D., 2013, San Diego State University and University of California, San Diego

Nancy Erbe (2004)

Presidential Outstanding Professor Award, 2015
Professor of Negotiation, Conflict Resolution and Peacebuilding
B.A., 1981, Metropolitan State University; J.D., 1985, University of Minnesota

Michael Ernst (1998)

Professor of Kinesiology and Recreation
B.A., 1992, California State University, Dominguez Hills; M.S., 1995, University of Wyoming

Mary Cate Esposito (2001)

Professor of Graduate Education
B.A., 1990, Loyola Marymount University;
M.E., 1993, Loyola Marymount University; Ph.D., 1999, University of Southern California

Mohammad Eyadat (2003)

Excellence in Service Award, 2009
Professor of Information Systems
B.S., 1984, Yarmouk University; M.S., 1994, University of Southern California; M.S., 1997, Ph.D., 2006, Claremont Graduate University

F**Salim Faraji** (2005)

Professor of Africana Studies
B.S.S., 1993, Penn State University; M.A., 2004, Claremont Graduate University; Ph.D., 2006, Claremont Graduate University

Kathleen M. Fawyer (2003)

Excellence in Service Award, 2010
Professor of History
B.A., 1990, Northern Illinois University;
M.A., 1992, Northern Illinois University; Ph.D., 2002, University of California, Riverside

Jessica Federman (2016)

Associate Professor of Management and Marketing
B.A., 2004, Binghamton University; MBA, 2007, Binghamton University;
M.S., 2010, Cornell University; Ph.D., 2014, Cornell University

Yesenia Fernandez (2016)

Assistant Professor of Graduate Education
B.A., 1995, Cal State University, Los Angeles; M.A., 2003, Cal State University, Los Angeles; Ph.D., 2014, Claremont Graduate University

Lorna Fitzsimmons (2004)

Professor of Humanities
B.A., 1978, University of Texas at Dallas; M.S., 1980, East Texas State University

Kitty Fortner (2016)

Associate Professor of Graduate Education
B.A., 1995, Southern California Christian College; M.S., 2003, California State University, Fullerton; Ph.D., 2014, University of Redlands

G**Michael Galant** (2004)

Professor of Modern Languages
B.S., 1990, University of California, Los Angeles;
M.A., 1994, University of California, Los Angeles;
Ph.D., 1998, University of California, Los Angeles

Justin Gammage (2014)

Associate Professor of Africana Studies
B.A., 2003, California State University, Dominguez Hills; M.A., 2005, Temple University

Katie Garcia (2015)

Assistant Coach, Softball
B.A., 2011, California State University, Dominguez Hills

Carolyn Gardner (2016)

Associate Librarian of University Library
B.A., 2009, University of California, Santa Cruz; MLS, 2011, Indiana University Bloomington; Ph.D., 1998, Arizona State University

Nestor F. Garza Puentes (2018)

Assistant Professor of Accounting, Finance and Economics
B.A., 2000, Universidad Nacional de Colombia; M.A., 2006, Universidad Nacional de Colombia; Ph.D., 2015, University of Cambridge

Thomas J. Giannotti, Jr. (1990)

Professor of English
B.A., 1976, University of California, Riverside;
M.A., 1979, University of California, Riverside;
Ph.D., 1985, University of California, Riverside
M.S., 1997, Ph.D., 2006, Claremont Graduate University

Benito Gomez (2003)

Excellence in Research, Scholarship, and Creative Activity Award, 2018
Professor of Modern Languages
B.A., 1990, Alcalá de Henares University; B.A., 1995, M.A., 1996, California State University, Dominguez Hills; M.A., 1997, California State University, Long Beach; Ph.D., 2004, University of California, Los Angeles

Alfredo González (2019)

Assistant Professor of Chicana & Chicano Studies
B.A., 2011, University of California, Los Angeles; M.A., 2013, Ph.D., 2019, University of California, Los Angeles

Gabriela González (2021)

Assistant Professor of Public Administration
B.S., 2013, San Jose State University; M.A., 2019, University of California, Irvine; Ph.D., 2021, University of California, Irvine

Jonathon Grasse (2005)

Professor of Music
B.M., 1985, California State University, Sacramento; M.A., 1995, University of California, Santa Cruz; Ph.D., 1999, University of California, Los Angeles

Mara Lee Grayson (2018)

Associate Professor of English
B.A., 2008, CUNY/Macaulay Honors College at Hunter College;
M.F.A., 2012, The City College of New York; Ph.D., 2017, Columbia University
M.A., 1986, Ph.D., 1994, University of Texas, Dallas

Kai Greene (2018)

Assistant Professor of Special Education
B.A., 1987, University of California, Los Angeles; M.A., 2002, University of California, Los Angeles; Ph.D., 2012, University of Texas

Brian Gregor (2013)

Associate Professor of Philosophy

B.A., 2003, Trinity Western University; M.A., 2005, Boston College; Ph.D., 2009, Boston College

H

Christopher Hallenbrook (2019)

Assistant Professor of Political Science
B.A., 2009, Bridgewater State University; M.A., 2014, University of California, Davis; Ph.D., 2015, University of California, Davis

Kamal Hamdan (2014)

Professor of Teacher Education
B.S., 1984, San Diego State University; M.A., 1994, California State University, Dominguez Hills; Ed.D., 2010, University of Southern California

Jianchao Han (2002)

Professor of Computer Science
B.Eng., 1985, Harbin Institute of Technology, China; M.Sc., 1988, Chinese Academy of Science; Ph.D., 2001, University of Waterloo, Canada

Lee Hancock (2005)

Professor of Kinesiology and Recreation
B.A., 1997, Arizona State University; M.S., 2002, Arizona State University; Ph.D., 2006, Arizona State University

Jon Hauss (2002)

Lyle E. Gibson Distinguished Teacher Award, 2009
Professor of English
B.A., 1983, California State University, Fresno; M.A., 1985, University of Washington; Ph.D., 1990, University of Washington

Ivonne Heinze Balcazar (2003)

Excellence in Service Award, 2016
Professor of Modern Languages
B.A., 1988, University of California, Los Angeles; M.A., 1991, University of California, Los Angeles; Ph.D., 2003, University of Kansas

Tiffany Herbert (2004)

Counseling Psychologist, Student Development
B.A., 1999, Loyola Marymount; M.A., 2002, California School of Professional Psychology; Ph.D., 2004, California School of Professional Psychology

Roderick A. Hernandez (2004)

Associate Professor of English
B.A., 1992, University of California, Los Angeles; M.A., 1994, Stanford University; Ph.D., 2001, Stanford University

Miriam Hernandez Martinez (2019)

Assistant Professor of Communications
B.A., 2002, Tecnologico de Monterrey; M.A., 2011, Tecnologico de Monterrey; Ph.D., 2018, City University of Hong Kong

Alexandro D. Hernández (2019)

Assistant Professor of Chicana & Chicano Studies
B.A., 2005, University of Texas, San Antonio; M.A., 2009, University of California, Los Angeles; Ph.D., 2014, University of California, Los Angeles

James E. Hill (2002)

Professor of Physics
B.S., 1990, State University of New York, Albany; Ph.D., 1995, University of Pennsylvania

Brad Hollister (2018)

Assistant Professor of Computer Science
B.S., 1999, Clemson University; M.S., 2004, Clemson University; Ph.D., 2015, University of California, Santa Cruz

David Hoopes (2007)

Professor of Management and Marketing
B.A., 1977, Grinnell College; Ph.D., 1996, University of California, Los Angeles

Sahar Hooshmand (2021)

Assistant Professor of Computer Science
B.Sc., 2010, University of Tabriz; M.Sc., 2014, Amir Kabir University of Technology; Ph.D., 2020, University of Central Florida

Yan-Hua Huang (2007)

Professor of Occupational Therapy
B.S., 1997, Chung-Shan Medical University; M.A., 2001, University of Southern California; Ph.D., 2003, University of Southern California

Amina Humphrey (2020)

Assistant Professor of Liberal Studies
B.S., 1997, Henderson State University; M.A., 2000, University of California, Los Angeles; Ph.D., University of California, Los Angeles

Maria Hurtado-Ortiz (1999)

Lyle E. Gibson Distinguished Teacher Award, 2008
Professor of Psychology
B.A., 1992, University of California, Riverside; M.A., 1994, University of California, Riverside; Ph.D., 1997, University of California, Riverside

Kimberly Huth (2014)

Presidential Outstanding Professor Award, 2022
Associate Professor of English
B.A., 2003, Ithaca College; M.A., 2004, University of Wisconsin, Madison; Ph.D., 2009, University of Wisconsin, Madison

Eric Jeng-Liang Hwang (2005)

Professor of Occupational Therapy
B.S., 1994, Chung Shan Medical University; M.S., 1999, State University of New York; Ph.D., 2003, State University of New York, Buffalo

Larry Hygh, Jr. (2022)

Assistant Professor of Communications
B.A., 1997, Austin University; M.A., 1999, Austin University; Ed.D., 2008, Pepperdine University

I

Cenap Ilter (2017)

Professor of Accounting, Finance and Economics
B.A., 1982, Bogazici University; M.A., 1985, University of Istanbul; Ph.D., 1991, University of Istanbul

Alireza Izaddoost (2018)

Associate Professor of Computer Science
B.Sc., 2009, Azad University; M.Sc., 2008, University Putra Malaysia; Ph.D., 2015, University of Ontario Institute of Technology

J

Misja Jleola (2020)

Assistant Professor of Computer Science
B.S., 2013, Staffordshire University; M.S., 2015, University of Malaya; Ph.D., 2020, Michigan Technological University

Kathleen Janert (2019)

Assistant Professor of Music

B.A., 2005, University of Texas, Austin;

M.M., 2012, University of Texas, Austin; D.M.A., 2019, University of Southern California

Brian Jarrett (2015)

Professor in Negotiation Conflict Resolution and Peacebuilding

B.A., 1985, Simon Fraser University; J.D., 1988, University of British Columbia; LL.M., 2001, University of Missouri; Ph.D., 2006, University of Hawaii

Joshua Jeffers (2018)

Assistant Professor of History

B.A., 2006, Ohio State University, Columbus;
M.A., 2009, Northern Illinois University; Ph.D., Purdue University

Julie Jhun (2018)

Assistant Professor of School of Leadership Program

B.M., 2003, Oberlin College; B.A., 2003, Oberlin College; M.A., 2005, Loyola Marymount University; Ph.D., 2012, University of California, Los Angeles

Roger Qiyuan Jin (2019)

Assistant Professor of Public Administration

B.A., 2012, University of International Relations; M.P.P., 2014, University of California, Irvine; Ph.D., 2019, University of Georgia

Cynthia Johnson (1995)

Excellence in Service Award, 2005

Professor of Nursing

B.A., 1974, Marymount Manhattan College; M.S., 1976, Long Island University; Ed.D., 1984, Nova University; M.S.N, 1995, California State University, Dominguez Hills

Cynthia Johnson (1995)

Excellence in Service Award, 2005

Professor of Nursing

B.A., 1974, Marymount Manhattan College; M.S., 1976, Long Island University; Ed.D., 1984, Nova University; M.S.N, 1995, California State University, Dominguez Hills

Kathleen Johnson (2018)

Counseling Psychologist in SH&PS

B.A., 2005, Point Loma Nazarene University; M.A., 2008, Alliant International University; Ph.D., 2011, Alliant International University

Danielle Jones (2022)

Coaching Assistant, Women's Soccer

B.S., 2016, Sonoma State University;

Matthew G. Jones (2002)

Professor of Mathematics

B.S., 1996, University of California, Los Angeles;
M.A., 1997, University of California, Los Angeles;
Ph.D., 2001, University of California, Los Angeles

Robert Jones (2019)

Associate Professor of Philosophy

B.A., 1992, California State University, Northridge; M.A., 1998, California State University, Los Angeles; M.A., 2004, Stanford University; Ph.D., 2005, Stanford University

Sunghoon Joo (2019)

Assistant Professor of Accounting, Finance and Economics

B.B.A., 2012, Chung-Ang University; M.S., 2013, University of Illinois; Ph.D., 2019, Auburn University

Anupama Joshi (2007)

Professor of Human Development

B.S., 1987, SNDT College, India ; M.S., 1989, M.S. University, Baroda, India;

Ph.D., 1990, M.S. University, Baroda India; Ph.D., 1997, Purdue University

K

Andrew Kalaidjian (2016)

Associate Professor of English

B.A., 2006, Columbia University; M.A., 2010, University of California, Santa Barbara; Ph.D., 2015, University of California, Santa Barbara

Mojaba Kamyab (2022)

Assistant Professor of Orthotics and Prosthetics

B.S., 1996, School of Rehabilitation Sciences; M.S., 2001, University of Welfare and Rehabilitation Sciences; Ph.D., 2008, University of Strathclyde

Chacko Kannothra (2019)

Assistant Professor of Management and Marketing

BTech, 2003, University of Kerala; MB.A., 2009, Indian Institute of Foreign Trade; Ph.D., 2018, University of Massachusetts

Michael Karlin (2021)

Assistant Professor of Liberal Studies

B.S.E., 2007, University of Kansas; M.S.Ed, 2009, University of Kansas; Ph.D., 2019, Indiana University

Jarod Kawasaki (2019)

Assistant Professor of Teacher Education

B.S., 1997, Azusa Pacific University; M.A., 2007, California State University, Northridge; Ph.D., 2015, University of California, Los Angeles

Jian-yu Ke (2015)

Associate Professor of Information Systems and Operations Management

BBA, 1996, National Chengchi University; MBA, 1998, National Taiwan University; Ph.D., 2012, University of Maryland

Barbara L. Kennedy (2003)

Professor of Nursing

B.A., 1977, Bethany College; M.A., 1978, Adelphi University; B.S.N, 1993, Mount St. Mary's College; MSN, 1995, University of California, Los Angeles; DNP, 2004, Case Western Reserve University

James Keville (2007)

Associate Professor of Art and Design

B.A., 1991, University of California, Los Angeles;
M.F.A., 1994, University of California, Los Angeles

John Keyantash (2002)

Professor of Earth Science and Geography

B.S., 1992, Oregon State University; M.S., 1997, M.S., 1998, University of California, Los Angeles; Ph.D., 2001, University of California, Los Angeles

Wafa Khasawneh (2017)

Assistant Professor of School of Nursing

B.S.N., 1995, Jordan University of Science & Technology; M.S.N., 1998, University of Windsor; Ph.D., 2016, Arizona State University

Yea Ji Kim (2018)

Assistant Professor of Political Science

B.A., 2008, Sungshin Women's University; M.A., 2010, Ewha Women's University; M.A., 2015, University of Houston; Ph.D., 2017, University of Houston

Kara Kogachi (2021)

Assistant Professor of Child Development
B.A., 2007, Wheaton College; M.A., 2013, University of California, Los Angeles; Ph.D., 2020, University of California, Los Angeles

Karin Kram (2015)

Associate Professor of Biology
B.A., 2005, Bard College; Ph.D., 2011, Columbia University College of Physicians and Surgeons

Elena Kulikov (2005)

Professor of Public Administration
B.A., 1976, M.A., 1976, Moscow Pedagogical Institute, School of History; Ph.D., 1980, Institute of World History, Russian Academy of Sciences; M.A., 1998, Syracuse University; Ph.D., 2005, Syracuse University

Vera Kunte (2022)

Assistant Professor of School of Nursing
DNP, 2015, Rutgers University, New Jersey; M.S.N., 2001, Rutgers University, New Jersey;

Megumi Kuwabara (2014)

Associate Professor of Child Development
B.S., 2004, Indiana University; Ph.D., 2011, Indiana University

L**Mary T. Lacanlale (2019)**

Catherine H. Jacobs Presidential Outstanding Faculty-Lecturer Award, 2017; Excellence in Research, Scholarship and Creative Activity Award, 2022
Assistant Professor of Asian Pacific Studies
B.F.A., 1993, Tulane University; 1995, M.Mus., Johns Hopkins University; M.A., 1999, University of California, Los Angeles; Ph.D., 2005, University of California, Los Angeles

Sarah Lacy (2017)

Associate Professor of Anthropology
B.S., 2008, Tulane University; A.M., 2010, Washington University; Ph.D., 2014, Washington University

Lei Lai (2016)

Professor of Management and Marketing
B.A., 1999, Beijing (Peking) University, China; M.A., 2001, University of Pittsburgh; M.S., 2002, Carnegie Mellon University; Ph.D., 2008, Carnegie Mellon University

Margarita Landeros (2022)

Assistant Professor of Graduate Education
B.A., 2009, University of California, Berkeley; M.Ed., 2012, University of Southern California; Ed.D., 2015, Pepperdine University

Michael Laurent (2013-2022)

Instr Fac AY / Part-Time
28310 - MARRIAGE AND FAMILY THERAPY

Hannah Lee (2020)

Senior Assistant Librarian of University Library
B.A., 2011, University of California, Los Angeles; MLIS, 2013, University of California, Los Angeles; MHOD, 2015, Fielding Graduate University

Jane Lee (2013)

Associate Professor of English

B.A., 2004, University of California, Irvine; M.A., 2007, University of Washington; Ph.D., 2011, University of Washington

Samantha C Leigh (2020)

Assistant Professor of Biology
B.S., 2013, Coastal Carolina University; M.S., 2017, University of California, Irvine; Ph.D., 2019, University of California, Irvine

Donis L. Leonard (2000)

Professor of Theatre Arts
B.A., 1990, Prairie View A&M University; M.F.A., 1998, Wayne State University

Hui Li (2021)

Assistant Professor of Public Administration
LL.B., 1999, Soochow University, China; M.M., 2002, Fudan University, China; Ph.D., 2009, University of Georgia

Kelin Li (2015)

Associate Professor of Sociology
B.A., 2008, Beijing Normal University; M.S., 2011, University of Utah; Ph.D., 2014, University of Utah

Li-Lin Liu (2012)

Professor of Accounting, Finance and Economics
B.A., 1987, Tunghai University; M.S., 1995, California State University, Los Angeles; Ph.D., 2009, University of California, Los Angeles

Tianjun (Luke) Lu (2020)

Assistant Professor of Earth Science and Geography
B.E., 2011, Guilin University of Technology; M.U.R.P, 2016, Virginia Tech; Ph.D., 2020, Virginia Tech

Angélica López Fraire (2020)

Assistant Professor of Child Development
B.A., 2004, University of California, Riverside; M.A., 2007, California State University, Los Angeles; M.S., 2009, University of California, Santa Cruz; Ph.D., 2014, University of California, Santa Cruz

José R. López-Morín (2001)

Professor of Chicano & Chicana Studies
B.A., 1989, California State University, Bakersfield; M.A., 1994, University of California, Los Angeles; Ph.D., 2001, University of California, Los Angeles

M**Wei Ma (2004)**

Professor of the Library
B.A., 1983, Guangxi University; M.L.S.I., 1989, Wayne State University

Angela Macias (2015)

Associate Professor of Liberal Studies
B.A., 2004, California Baptist University; M.S., 2009, California Baptist University; Ed.D., 2012, University of Redlands

Jennifer Macy (Sumner) (2014)

Excellence in Research, Scholarship, and Creative Activity Award, 2018
Associate Professor of Criminal Justice Administration
B.A., 1999, Boston University; M.A., 2002, Rutgers University; Ph.D., 2009, University of California, Los Angeles

Sally Mahmoud (2019)

Assistant Professor of School of Nursing
B.S., 2003, California State University, Dominguez Hills; MSN/MPH, 2013, California State University, Long Beach; DNP, 2015, Touro University

James Maier (2005)

Head Coach, Softball

B.A., 1987, California State University, Fullerton; M.S., 1994, Azusa Pacific University

Rama Malladi (2017)

Excellence in Service Award, 2022

Associate Professor of Accounting, Finance, and Economics

M. Tech, 1993, Indian Institute of Technology; MBA, 2005, UCLA Anderson School of Management; Ph.D., 2016, EDHEC Business School

Sergio Mancilla (2018)

Counseling Psychologist in SH&PS

B.S., 2006, University of La Verne, M.S., 2008, University of La Verne; Psy.D., 2015, University of La Verne

Adrianna Tuzzolino Mancillas (2002)

Professor of Graduate Education

B.A., 1992, University of California, Los Angeles; M.A., 1996, California School of Professional Psychology; Ph.D., 1998, California School of Professional Psychology

Iara Mantenuto (2020)

Assistant Professor of English

B.A., 2012, ICoN Università di Pisa, Italy; M.A., 2013, Università per Stranieri di Siena, Siena, Italy; M.A., 2014, Syracuse University

Clarence Augustus Martin (2001)

Professor of Criminal Justice Administration

B.A., 1978, Harvard University; J.D., 1982, Duquesne University Law School; Ph.D., 1999, San Diego State University

H. Leonard Martinez (1996)

Excellence in Research, Scholarship and Creative Activity Award, 2007;

Presidential Outstanding Professor Award, 2008

Acting Associate Dean and Professor of Chemistry

B.S., 1986, Universidad del Valle, Cali, Columbia; M.S., 1989, University of California, San Diego;

Ph.D., 1993, University of California, San Diego

Jose Martinez (2014)

Professor of Accounting, Finance and Economics

B.A., 1998, California State University, San Marcos; M.A., 2004, University of California, San Diego; Ph.D., 2007, University of California, San Diego

Erin McCauley (2019)

Assistant Professor of Chemistry and Biochemistry

B.S., 2009, Vancouver Island University; Ph.D., 2017, University of Prince Edward Island

Charlene McCord (2019)

Assistant Professor of Biology

B.S., 2006, University of California, Los Angeles; Ph.D., 2014, University of Chicago

Alexis Sharon McCurn (2014)

Associate Professor of Sociology

B.A., 2005, University of San Francisco; M.A., 2009, University of California, Santa Barbara; Ph.D., 2013, University of California, Santa Barbara

Stephen McFarland (2020)

Associate Professor of Labor Studies

B.A., 2000, Trinity College, Hartford; M.R.P., 2005, Cornell University; Ph.D., 2014, The Graduate Center, City University of New York

Terrence McGlynn (2007)

Excellence in Research, Scholarship and Creative Activity Award, 2011;

Presidential Outstanding Professor Award, 2021

Director, California Desert Studies/Professor of Biology

B.A., 1993, Occidental College; Ph.D., 1999, University of Colorado

Elexia Reyes McGovern (2015)

Associate Professor of Teacher Education

B.A., 2005, Tufts University; M.A.T., 2006, Tufts University; Ph.D., 2013, University of California, Los Angeles

Brendan A. McNulty (1997)

Excellence in Research, Scholarship and Creative Activity Award, 2006

Professor of Earth Sciences

B.S., 1987, San Diego State University; M.S., 1990, San Diego State University; Ph.D., 1994, University of California, Santa Cruz

Mary Medina (Groves) (2013)

Assistant Professor of Occupational Therapy

B.S., 1993, Loma Linda University; M.S., 2008, Loma Linda University; Ph.D., 2013, Loma Linda University

Ashley Membere (2019)

Assistant Professor of Psychology

B.A., 2013, Rice University; M.A., 2015, George Mason University; Ph.D., 2018, George Mason University

Ph.D., 2020, University of California, Los Angeles

Erin Merz (2014)

Associate Professor of Psychology

B.A., 2003, Miami University; M.A., 2008, San Diego State University; Ph.D., 2014, San Diego State University; Ph.D., 2014, University of California, San Diego

Kevin Montes (2018)

Assistant Professor of Psychology

B.A., 2008, California State University, Dominguez Hills; M.A., 2011, University of North Dakota; Ph.D., 2013, University of North Dakota

Christopher Monty (2007)

Lyle E. Gibson Distinguished Teacher Award, 2013

Professor of History

B.A., 1991, University of California, Los Angeles;

Ph.D., 2004, University of California, Riverside;

Ph.D., 2004, University of California, Los Angeles

Jerry Dennis Moore (1991)

Presidential Outstanding Professor Award, 2003; Excellence in Research, Scholarship and Creative Activity Award, 2008

Professor of Anthropology

B.A., 1977, California State University, Stanislaus; M.A.,

1980, University of California, Santa Barbara;

Ph.D., 1985, University of California, Santa Barbara

Stephen Moore (2005)

Associate Professor of Music

B.M., 1979, University of Rhode Island; M.M., 1983, Manhattan School of Music; Ph.D., 1983, Manhattan School of Music

Sana Zehra Bhatti Moosavi (2020)

Assistant Professor of Computer Science

M.S., 2013, University of Kurku; DSc, 2019, University of Kurku

Scott Morris (2006)

Professor of Music

B.M., 1994, University of Southern California; M.M., 1996, Yale University; D.M.A., 2004, Yale University

Samira Moughrabi (2020)

Associate Professor of School of Nursing

B.S.N., 1987, American University of Beirut; M.N., 1990, University of California, Los Angeles; Ph.D., 2009, University of California, Los Angeles

Dale Mueller (2004)

Professor of Nursing

B.A., 1971, University of California, Los Angeles; M.S., 1974, California State University, Long Beach; Ph.D., 1988, California State University, Long Beach

Bianca Murillo (2015)

Professor of History

B.A., 2002, University of California, Santa Barbara; M.A., 2004, University of California, Santa Barbara; Ph.D., 2009, University of California, Santa Barbara

Matthew Mutchler (2005)

Excellence in Research, Scholarship, and Creative Activity Award, 2013

Professor of Sociology

B.A., 1991, University of California, Santa Barbara; M.A., 1994, University of California, Santa Barbara; Ph.D., 1999, University of California, Santa Barbara

N

Payman Nasr (2015)

Associate Professor of Clinical Science

B.S., 1994, University of Kentucky; Ph.D., 2003, University of Kentucky

Siskanna Naynaha (2015)

Associate Professor of English

B.A., 1997, Boise State University; M.A., 2000, Boise State University; Ph.D., 2006, Washington State University

Susan Needham (1999)

Professor of Anthropology

B.A., 1989, California State University, Long Beach; M.A., 1996, University of California, Los Angeles; Ph.D., 1996, University of California, Los Angeles

Ha Nguyen (2022)

Assistant Professor of Mathematics

B.S., 2005, University of California Los Angeles; M.S., 2008, Emory University; Ph.D., 2010, Emory University

Hannah Nguyen (2015)

Associate Professor of Human Services

B.A., 2005, University of California, Irvine; M.S.W., 2007, University of California, Los Angeles; Ph.D., 2013, University of California, Los Angeles

Donna Nicol (2017)

Excellence in Service Award, 2021

Professor of Africana Studies

B.A., 1995, California State University, Fullerton; M.A., 1999, California State University, Long Beach; M.A., 2002, Ohio State University; Ph.D., 2007, Ohio State University

Thomas J. Norman (2009)

Presidential Outstanding Professor Award, 2014; Excellence in Service Award, 2023

Professor of Management and Marketing

B.A., 1992, Harvard University; M.A., 1998, University of Minnesota; Ph.D., 2009, University of Minnesota

O

Helen C. Oesterheld (2003)

Excellence in Service Award, 2017

Associate Professor of English

B.A., 1993, University of California, San Diego; M.A., 1995, American University; Ph.D., 2003, University of California, Irvine

Conrad Oh-Young (2019)

Assistant Professor of Special Education

B.S., 2001, Long Beach State University; M.Ed., 2005, University of Nevada, Las Vegas; Ph.D., 2016, University of Nevada, Las Vegas

Enrique Ortega (2012)

Associate Professor of Health Sciences

B.A., 2000, San Jose State University; M.A., 2003, University of Southern California, 2003

Irene Osisioma (2004)

Professor of Teacher Education

B.S., 1982, University of Nigeria; M.S., 1989, University of Nigeria;

Ph.D., 1995, University of Nigeria

Dana Ospina (2017)

Associate Librarian of University Library

B.A., 1992, Colorado College; M.A., 1999, University of California, Riverside; M.S.I., 2010, University of Michigan

Carolyn Oudiz (2020)

Assistant Professor of Kinesiology & Recreation

B.S., 1986, Springfield College; B.S., 1988, Northwestern University Medical School; MHS, 1996, University of Indianapolis; DPT, 2019, College of St. Scholastica

Lauren Outland (2008)

Professor of School of Nursing

B.A., 1981, University of Wisconsin; B.S., 1986, California State University, Los Angeles; M.P.H., 1993, University of California, Los Angeles; D.Ph., 1998, University of California, Los Angeles; MSN, 2007, California State University, Long Beach

P

Jung-Sun Park (1999)

Professor of Asian-Pacific Studies

B.A., 1985, Yonsei University, Seoul; M.A., 1989, Northwestern University; Ph.D., 1997, Northwestern University

Sheela Pawar (2004)

Associate Professor of Philosophy

B.A., 1988, Case Western Reserve University; M.A., 1992, John Carroll University; Ph.D., 1997, Northwestern University

Keisha Paxton (2005)

Presidential Outstanding Professor Award, 2016

Professor of Psychology

B.A., 1995, University of California, Los Angeles; M.A., 1998, DePaul University; Ph.D., 2001, DePaul University

Kari J. Pederson (2018)

Assistant Professor of Chemistry

B.A., 2005, Scripps College; Ph.D., 2010, University of Washington

Maria Theresa Peralta (2004)

Associate Professor of Health Sciences

B.S., 1991, University of the Philippines; M.A., 1998, University of Southern California; Ph.D., 2004, University of Southern California

Annemarie Perez (2017)

Assistant Professor of Interdisciplinary Studies

B.A., 1996, Ohio State University; M.A., 1999, University of Southern California; Ph.D., 2003, University of Southern California

Joanna Perez (2016)

Excellence in Research, Scholarship, and Creative Activity Award, 2021
Associate Professor of Sociology
B.A., 2009, University of California, Los Angeles; M.A., 2011, University of Illinois Urbana-Champaign; Ph.D., 2016, University of Illinois Urbana-Champaign

Phu Phan (2013)

Professor of Human Services
B.A., 1989, University of Minnesota; MSW, 1997, University of Minnesota; Ph.D., 2003, University of Minnesota

Thomas Philo (2006)

Excellence in Service Award, 2016
Associate Professor of the Library
B.A., 1976, Wayne State University; M.F.A., 1980, University of Southern California; M.L.I.S., 2005, San Diego State University

Katy Pinto (2007)

Presidential Outstanding Professor Award, 2019
Professor of Sociology
B.A., 1997, San Diego State University; M.A., 1999, University of California, Los Angeles; Ph.D., 2006, University of California, Los Angeles

Wai Yan Pong (2002)

Professor of Mathematics
B.Sc., 1993, Chinese University of Hong Kong; M.Sc., 1997, University of Illinois, Chicago; Ph.D., 1999, University of Illinois, Chicago

Susan G Porter (2020)

Associate Professor of Special Education
B.A., 1977, University of California, Davis; M.A., 1985, University of the Pacific; Ph.D., 2008, University of California, Davis

Hamid Pourmohammadi (2005)

Professor of Information Systems and Operations Management
B.S., 1996, Tehran Polytechnic University;
M.S., 1999, Tehran Polytechnic University; M.S., 2001, University of Southern California; Ph.D., 2005, University of Southern California

Jose Prado (2007)

Professor of Sociology
B.A., 1990, University of California, Santa Barbara; M.A., 1997, California State University, Los Angeles; Ph.D., 2005, University of Southern California

Fynnwin Prager (2015)

Associate Professor of Public Administration
B.Sc., 2006, London School of Economics and Political Sciences; MPP, 2008, University of Southern California; Ph.D., 2013, University of Southern California

Laurence Press (2009-2011)

Professor of Information Systems
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John Price (2005)

Excellence in Research, Scholarship and Creative Activity Award, 2023
Professor of Physics
B.S., 1986, University of California, Los Angeles;
M.S., 1987, University of California, Los Angeles;
Ph.D., 1993, University of California, Los Angeles

Vivian Price (2005)

Excellence in Research, Scholarship, and Creative Activity Award, 2020
Professor of Interdisciplinary Studies

B.A., 1971, Bryn Mawr College; M.A., 1973, University of Texas, Austin; Ph.D., 2000, University of Texas, Austin

Q**Karen Quek** (2022)

Associate Professor of Marital and Family Therapy
M.A., 1990, Biola University; M.S., 1993, California State University, Fullerton; Ph.D., 2004, Loma Linda University

Norma Quintero (2018)

Counseling Psychologist in SH&PS
B.A., 1998, University of California, Berkeley; MSW, 2004, California State University, Long Beach; Ph.D., 2017, Pacifica Graduate Institute

R**Kimberly Radmacher** (2009)

Associate Professor of Human Development
B.S., 1992, Montana State University; M.A., 2002, California State University, Northridge; Ph.D., 2009, University of California, Santa Cruz

Serban Raianu (2002)

Professor of Mathematics
B.S., 1980, University of Bucharest, Romania;
M.S., 1981, University of Bucharest, Romania;
Ph.D., 1992, University of Bucharest, Romania, Chicago;

Pablo Ramirez (2019)

Professor of Teacher Education
B.A., 2000, San Diego State University; M.A., 2005, San Diego State University; Ph.D., 2011, Claremont Graduate University-San Diego State University

Harun Rashid (2018)

Assistant Professor of Accounting, Finance and Economics
B.S., 2004, Independent University; MBA, 2007, North South University; M.S., 2013, University of Saskatchewan; Ph.D., 2018, University of Calgary

Nop Ratanasiripong (2012)

Associate Professor of Nursing
B.S.N., 1994, Boromarajonani College of Nursing; MSN, 1998, Mahidol University

Doris Ressler (2007)

Professor of Theatre and Dance
B.A., 1982, Columbia College; M.F.A., 1988, Smith College

Gary Rhodes (2015)

Professor of Graduate Education
B.A., 1983, University of California, Santa Barbara; M.S., 1986, University of Southern California; Ph.D., 1994, University of Southern California; M.A., 2006, University of Southern California

Stanley Rodrigues (2019)

Assistant Coach, Men's Soccer
B.S., 2012, Warner Pacific College; M.S., 2015, Fresno State University

Kenneth Rodriguez (2009)

Associate Professor of Chemistry and Biochemistry
B.S., 2001, California State University, Dominguez Hills; M.S., 2005, Ohio State University; Ph.D., 2007, Ohio State University

Miguel Rodriguez (2022)

Assistant Professor of Physics
B.S., 2011, Florida Atlantic University; M.S., 2015, University of Oklahoma; Ph.D., 2020, Florida International University

Kirk Rogers, Jr. (2022)

Assistant Professor of Teacher Education
B.A., 2009, University of Georgia; M.A., 2011, Georgia State University;
Ed.S., 2015, University of Georgia; Ph.D., 2022, University of California,
San Diego

Jaleesa Ross (2017)

Assistant Coach, Women's Basketball
B.S., 2010, California State University, Fresno; M.A., 2014, California State
University, Fresno

Salvatore James Russo (2013)

Associate Professor of Political Science
B.A., 2002, Tulane University; J.D., 2005, Fordham University School of Law; M.A., 2008, University of Mississippi; Ph.D., 2013, University of Mississippi

Sheryl Ryan (2019)

Assistant Professor of Occupational Therapy
B.S., 1989, University of Puget Sound; M.A., 2006, Fuller Graduate School;
Ph.D., 2015, Fuller Graduate School

S**Mahmoud Salari (2019)**

Assistant Professor of Accounting, Finance and Economics
B.S., 2007, University of Tehran; M.S., 2011, University of Tehran; Ph.D.,
2016, Texas Tech University

Sherwin Sales (2021)

Assistant Professor of English
B.A., 2014, California State University, Long Beach; M.A., 2016, California
State University, Long Beach; Ph.D., 2021, Washington State University

Hamoud Salhi (2006)

Senior Associate Dean for International Education and Professor
of Political Science, Economics and Labor Studies
B.A., 1981, University of Algiers; M.A., 1985, University of Southern California;
Ph.D., 1995, University of Southern California

Cynthia Sanchez Tapia (2020)

Assistant Professor of Mathematics
B.S., 2006, University of Colima; M.S., 2008, CIMAT; M.S., 2012, University
of California, Irvine; Ph.D., 2016, University of California, Irvine

Silvia Jaimina Santos (1990)

Professor of Psychology
B.A., 1985, California State University, San Diego; M.A., 1987, University of California, Riverside; Ph.D., 1990, University of California, Riverside

Jeffrey Sapp (2006)

Excellence in Research, Scholarship, and Creative Activity Award, 2016;
Lyle E. Gibson Distinguished Teacher Award, 2018
Professor of Teacher Education
B.S., 1981, Liberty University; M.S., 1985, Pensacola College; Ed.D., 1993,
West Virginia University

Jimena Sarno (2022)

Assistant Professor of Art & Design
B.A., 2011, University of California, Los Angeles; M.F.A., 2014, University
of California, Irvine

Samantha L Scudder (2022)

Assistant Professor of Psychology

B.S., 2010, Brown University; Ph.D., 2016 University of California, San
Diego; Postdoc, 2019, New York University; Postdoc, 2022, University of
California, Santa Barbara

Kenneth Seligson (2019)

Assistant Professor of Anthropology
A.B., 2008, Brown University; M.A., 2011, University of Wisconsin-
Madison; Ph.D., 2016, University of Wisconsin-Madison

Tayyeb Shabbir (2007)

Professor of Accounting and Finance
B.A., 1973, Government College; M.S., 1974, Quaid-E-
Azam University; M.A., 1979, University of Pennsylvania;
M.A., 2008, University of Mississippi

Saahir Shafi (2022)

Assistant Professor of Public Administration
BEcon, 2008, University of the Punjab; M.S., 2016, Pennsylvania State
University; Ph.D., 2022 Pennsylvania State University

Sohaila Shakib (2006)

Professor of Sociology
B.A., 1990, Tulane University; M.A., 1995, University of Southern California;
Ph.D., 1999, University of Southern California

Kerry Shannon (2020)

Assistant Professor of History
B.A., 2006, Whitman College; M.A., 2011, University of California, Berkeley;
M.A., 2013, University of California, Berkeley; Ph.D., 2019, University of
California, Berkeley

Archana M Sharma (2018)

Assistant Professor of Health Science
B.S., 1994, University of California, Irvine; MPH, 1998, California State
University, Long Beach; Ph.D., 2010, University of California, Los Angeles

Sharon Sharp (2007)

Professor of Communications
B.A., 1992, University of California, Berkeley; M.A., 2000,
University of California, Los Angeles;
Ph.D., 2006, University of California, Los Angeles

David P. Sherman (2002)

Professor of English
B.A., 1983, McGill University, Canada; M.A., 1987, Concordia University, Canada; Ph.D., 1990, University of California, Riverside

Myroia Z. Shesid (2002)

Professor of Information Systems and Operations Management
B.S., 1982, Shanghai Industrial University; M.S., 1989, Brigham
Young University; Ph.D., 1992, Old Dominion University; MBA, 2000, California State University, Fullerton

Lia Morgan Siewert (2022)

Assistant Professor of Anthropology
B.A., 2007, Indiana State University; M.A., 2010, Southern Illinois
University-Carbondale; NAIS, 2021, University of Texas at Austin; Ph.D.,
2021, University of Texas at Austin

Sari Silvanto (2015)

Associate Professor of Management and Marketing
BBA, 1998, AALTO University of School of Business; M.Sc., 1999, Aston
University; Ph.D., 2007, University of Warwick

Sonal Singhal (2017)

Associate Professor of Biology

B.A., 2006, Washington University in St. Louis; Ph.D., 2013, University of California, Berkeley

Meghna Singhvi (2019)

Associate Professor of Accounting, Finance and Economics
MBA, 2002, Ohio University; M.S.A., 2004, Northern Kentucky University;
Ph.D., 2011, Florida International University

Ashish Sinha (2005)

Professor of Earth Sciences and Geography
B.S., 1987, Lucknow University,
India; M.S., 1989, University of Roorkee, India; Ph.D., 1997, University of Southern California

LaTanya Skiffer (2005)

Professor of Sociology
B.A., 1996, University of Colorado; M.A., 1999, University of Missouri;
Ph.D., 2007, University of Missouri

Carl Sneed (2005)

Excellence in Research, Scholarship, and Creative Activity Award, 2012
Professor of Psychology
B.A., 1987, California State University, Fullerton;
M.A., 1989, California State University, Fullerton; Ph.D., 1994, University of California, Riverside

Davood Soleymani (1990)

Professor of Biology
D.V.M., 1962, Tehran University; M.S., 1967, Iowa State University;
Ph.D., 1970, Iowa State University

Minhye Son (2021)

Assistant Professor of Teacher Education
M.A., 2010, Columbia University; Ed.D., 2017, Columbia University

Hak Joon Song (2016)

Professor of Accounting, Finance and Economics
BBA, 1989, Korea University; MBA, 1992, Korea University; MBA, 2005,
University of Minnesota; Ph.D., 2012, Temple University

Edwin Soto (2019)

Head Coach, Men's Soccer
B.S., 1995, California State University, Fullerton

Cristina Springfield (2019)

Librarian of University Library
B.A., 2008, University of Wisconsin-Madison; M.A., 2011, University of Wisconsin-Madison

Melissa St. James (2005)

Associate Professor of Management and Marketing
B.B.A., 1990, University of Cincinnati; MBA, 1994, Meredith College; Ph.D., 2004, George Washington University

Jennifer Stacy (2015)

Associate Professor of Liberal Studies
B.S., 2007, Bowling Green State University; M.S., 2011, Universidad de Monterrey; Ph.D., 2015, University of Nebraska

Kristen Stagg Rovira (2015)

Associate Professor of Mathematics
B.S., 2004, University of California, Santa Barbara; M.S., 2006, CSU, Long Beach; Ph.D., 2011, North Carolina State University

Aandrea Stang (2018)

Assistant Professor of Art and Design, Director of the University Art Gallery
B.A., 1990, Oberlin College; M.A., 1997, University of Southern California

Alexander Stanoyevitch (2005)

Professor of Mathematics

B.S., 1983, University of Maryland; M.S., 1986, University of Michigan;
Ph.D., 1990, University of Michigan

Sam Stapleton (2017)

Assistant Coach, Men's Basketball
B.A., 2013, Occidental College; M.S., 2017, Pepperdine University

Noel Sturm (1996)

Lyle E. Gibson Distinguished Teacher Award, 2007
Professor of Chemistry
B.S., 1975, University of California, Davis;
M.S., 1987, University of California, Davis; Ph.D., 1993, University of Toledo

Carol Sullivan (2017)

Assistant Professor of Graduate Education
B.A., 1995, California State University, Dominguez Hills; M.A., 1997,
California State University, Dominguez Hills; Ed.D., 2013, American School
of Professional Psychology

Rui Sun (2013)

Professor of Public Administration
B.A., 1998, Peking University;
M.A., 2001, Peking University; MPA, 2004, Auburn University; Ph.D., 2009, University of California, Berkeley

Daniel Swiatek (2019)

Assistant Professor of Occupational Therapy
B.A., 1988, University of Nebraska; B.S., 1996, Creighton University; O.T.D.,
2018, Creighton University

T

Laura Talamante (2007)

Excellence in Service Award, 2018; Presidential Outstanding Professor
Award, 2023
Professor of History
B.A., 1995, University of California, Berkeley;
M.A. 1998, University of California, Los Angeles;
Ph.D., 2003, University of California, Los Angeles

Bin Tang (2013)

Associate Professor of Computer Science
B.S., 1997, Peking University; M.S., 2002, Stony Brook University;
Ph.D., 2007, Stony Brook University

Sarah Taylor (2016)

Associate Professor of Anthropology
B.A., 2006, California State University, Chico; M.A., 2008, California State
University, Long Beach; Ph.D., 2012, State University of New York
University at Albany

Eillen Teclé (2021)

Assistant Professor of Biology
B.S., 2005, Eastern Michigan University; Ph.D., 2013, Albert Einstein
College of Medicine

Patryk Tenorio (2022)

Assistant Coach, Men's Soccer
B.A., 2011, College of Wooster

Arumugam Thangavel (2015)

Associate Professor of Chemistry and Biochemistry
B.S., 1999, Pondicherry University; M.S., 2002, Pondicherry University;
Ph.D., 2010, Missouri University of Science and Technology

Kathryn Theiss (2015)

Associate Professor of Biology
B.A., 2003, Willamette University; M.S., 2008, University of Connecticut;
Ph.D., 2012, University of Connecticut

Charles Thomas (2009)
Associate Professor of Accounting and Finance
B.A., 1995, University of California, Berkeley; J.D., 1998, University of California, Berkeley; M.B.A., 2010, University of California, Berkeley

Samuel Thorne (2019)
Assistant Coach, Baseball
B.A., 2017, Biola University

Elwin Tilson (2018)
Professor of Health Science-Radiology & Imaging
B.S., 1975, Arizona State University; M.S., 1978, San Francisco State University; Ph.D., 1986, University of Georgia

Christina Toolan (2022)
Assistant Professor of Child Development
B.S., 2011, University of California, Los Angeles; M.A., 2014, University of California, Los Angeles; Ph.D., 2020, University of California, Los Angeles

Devon Tsuno (2015)
Assistant Professor of Art and Design
B.F.A., 2003, California State University, Long Beach; M.F.A., 2005, Claremont Graduate University

Irene Tung (2021)
Assistant Professor of Psychology
B.A., 2011, University of California, Los Angeles; M.A., 2013, University of California, Los Angeles; Ph.D., 2018, University of California, Los Angeles

Sarah Turkel (2021)
Assistant Professor of Clinical Science
B.A., 2000, University of Southern California; M.S., 2004, California State University, Dominguez Hills; M.P.H., 2006, Boston University

U

Sarah Underwood Rossolimo (2018)
Assistant Professor of Human Services
B.S., 2010, University of Evansville; M.S.W., 2012, University of Southern Indiana; Ph.D., 2018, Saint Louis University

V

Annalyn Valdez-Dadia (2018)
Assistant Professor of Human Services
B.A., 1999, University of California, Irvine; M.P.H., 2003, Loma Linda University; D.P.H., 2014, University of California, Los Angeles

Justin M Valliere (2020)
Assistant Professor of Biology
B.A., 2007, Green Mountain College; Ph.D., 2016, University of California, Riverside

John Vanderhoef (2016)
Assistant Professor of Communications
B.A., 2008, University of Wisconsin-Milwaukee; M.A., 2010, University of Wisconsin-Milwaukee; Ph.D., 2016, University of California, Santa Barbara

Gretel Vera-Rosas (2015)
Associate Professor of Chicana/Chicano Studies
B.A., 2004, University of California, Santa Cruz; M.A., 2008, University of Southern California; Ph.D., 2013, University of Southern California

Wendolyn Vermeer (2016)

Associate Librarian of University Library
B.A., 2005, California State Polytechnic University, Pomona; M.L.I.S., 2007, San Jose State University

Tara Victor (2006)
Excellence in Research, Scholarship, and Creative Activity Award, 2014
Professor of Psychology
B.A., 2001, University of California, San Diego; M.A., 2006, California State University, Fullerton; Ph.D., 2004, Michigan State University

Philip Vieira (2016)
Associate Professor of Psychology
B.A., 2009, California State University, Fresno; M.A., 2011, University of California, Riverside; Ph.D., 2014, University of California, Riverside

Margarita Villagrana (2020)
Associate Professor of Social Work
B.A., 1992, California State University, Northridge; M.S.W., 2000, California State University, Long Beach; Ph.D., 2008, University of Southern California

George Starr Vinovich (1983)
Professor of Theatre Arts
B.A., 1972, Loyola University; M.A., 1974, University of Southern California; M.S., 1975, University of Southern California; Ph.D., 1978, University of Southern California

W

Mark Davis Waldrep (1995)
Professor of Music
B.M., 1978, California State University, Northridge; M.A., 1979, California State University, Northridge; B.A., 1982, California State University, Northridge; M.F.A., 1984, California Institute of Arts; Ph.D., 1986, University of California, Los Angeles; M.S., 1992, California State University, Northridge

Bruce Wallace (2017)
Counseling Psychologist in SH&PS
B.S., 2000, Howard University; Ph.D., 2004, University of Maryland; M.Psy, 2011, George Washington University; Ph.D., 2014, George Washington University

Fang Wang (2014)
Associate Professor of Biology
B.A., 1998, Fudan University, China; Ph.D., 2004, Fudan University, China

Tieli Wang (2005)
Professor of Chemistry
B.S., 1984, Jilin University, China; M.S., 1987, Jilin University, China; M.S., 1995, Iowa State University; Ph.D., 1999, State University of New York

Yi Wang (2018)
Associate Professor of Mathematics
M.S., 2011, University of Minnesota; M.S., 2012, University of Minnesota; Ph.D., 2012, University of Minnesota

Hal Weary (2018)
Assistant Professor of Music
B.A., 2002, California State University, San Jose; M.M., 2004, William Paterson University

Christopher Webb (2015)
Assistant Coach, Volleyball
B.A., 1997, Northern Arizona University; B.S., 1997, Northern Arizona University

Joseph Wen (2012)

Dean, College of Business Administration and Public Policy
and Professor of Information Systems and Operations Management
B.S., 1980, National University of Marine and Oceanic Technology; M.S., 1983, Chinese Cultural University; Ph.D., 1993, Virginia Commonwealth University

Able Whittemore (2021)

Associate Professor of Health Sciences
B.A., 1979, Loma Linda University; M.H.A. 1982, Loma Linda University;
D.B.A., 1985, United States International University; M.S., 2012, California State University, Dominguez Hills

Tessa Withorn (2018)

Senior Assistant Librarian of University Library
B.A., 2015, University of Louisville; MLIS, 2017, Indiana University Bloomington

Wang Chang Wong (1989)

Professor of Information Systems and Operations Management
B.B.A., 1976, Chinese University of Hong Kong; M.S., 1979, University of California, Irvine; M.S., 1983, University of California, Irvine; Ph.D., 1991, University of California, Irvine

Tyler Wright (2015)

Head Coach, Baseball
B.S., 2007, California State University, Fullerton; M.A., 2009, Fresno Pacific University

X**Bing Xu** (2009)

Professor of Management and Marketing
B.A., 1997, Hunan Normal University; MBA, 2004, New Mexico State University;
Ph.D., 2009, New Mexico State University

Xun (Peter) Xu (2022)

Associate Professor of Information Systems and Operations Management
B.S., 2008, Fudan University; M.S., 2010, Renmin University of China;
Ph.D., 2015, Washington State University

Y**Zheng Yang** (2016)

Assistant Professor of Public Administration
B.A., 2008, Beijing Institute of Technology; M.A., 2010, Beijing Institute of Technology; Ph.D., 2016, North Carolina State University

Carolyn Yarnall (2017)

Associate Professor of Mathematics
B.A., 2008, University of San Diego; M.S., 2010, University of Virginia;
Ph.D., 2013, University of Virginia

Bingsheng Yi (2005)

Professor of Accounting, Finance and Economics
B.S., 1993, Beijing Materials College;
M.A., 1996, Beijing Materials College; Ph.D., 2005, University of South Florida

Sheng Yi (2016)

Assistant Professor of Accounting, Finance and Economics
B.A., 2010, Central University of Finance and Economics; M.A., 2011, University of Miami; Ph.D., 2016, Florida International University

Z**Ellie Zenhari** (2012)

Associate Professor of Art and Design
B.A., 1992, California State University, Los Angeles; M.F.A., 2012, Savannah College of Art and Design

Meng Zhao (2004)

Professor of Management and Marketing
B.A., 1991, Qingdao University; M.A., 1999, University of Nebraska, Lincoln

Xia Zhao (2006)

Professor of Management and Marketing
B.S., 1997, Hebei University; M.S., 2000, Beijing University; Ph.D., 2006, University of Texas

Ben Zhou (1999)

Associate Professor of Kinesiology and Recreation
B.A., 1979, Wuhan Institute of Physical Education; M.S., 1985, Beijing Institute of Physical Education; Ph.D., 1999, Brigham Young University, Hawaii

Liudong Zuo (2015)

Associate Professor of Computer Science
B.Eng., 2009, University of Electronic Science and Technology of China;
Ph.D., 2015, Southern Illinois University Carbondale

Emeriti Faculty**A****Teri Abbott** (2006-2017)

Professor Emeritus of Teacher Education
B.A., University of California, Santa Barbara; M.A., California State University, Los Angeles

Jill Aguilar (2000-2016)

Professor Emeritus of Teacher Education

Angela Albright (1988-2009)

Professor Emeritus of School of Nursing

Melvin Auerbach (1976-2008)

Professor Emeritus of Accounting and Finance

Mary Auth (1998-2004)

Lyle E. Gibson Distinguished Teacher Award, 1995
Professor Emeritus of Public Administration

B**Jeffer S. Badrtalei** (1999-2010)

Professor Emeritus of Applied Studies

Bernard Baker (1976-2006)

Professor Emeritus of Art

Jacqueline Barab (1995-2015)

Professor Emeritus of Mathematics
B.S., 1971, Indiana University, Bloomington; M.S., 1974, Georgia State University; Ph.D., 1982, Indiana University, Bloomington

Donald Barnett (1976-2004)

Professor Emeritus of Accounting and Law

Marie Barteld (2006-2022)

Lecturer Emeritus of English

B.A., 1981, California State University, Dominguez Hills; M.A., 1990, California State University, Long Beach;

Potkin Basseer (1991-2007)
Professor Emeritus of Accounting and Finance

Iris A. Baxter (2001-2010)
Professor Emeritus of Public Administration

Matthew Becker (2006-2022)
Lecturer Emeritus of English
B.A., 1983, University of Massachusetts; M.A., 1987, University of California, Irvine; Ph.D., 1998, University of Southern California

Justine Bell (1987-2008)
Professor Emeritus of Public Administration

Roger W. Berry (1990-2009)
Professor Emeritus of Management and Marketing

Janna Bersi (2009-2020)
Professor of Education

Carol Bittmann (2007-2020)
Professor Emeritus of Social Work

Carrie Ann Blackaller (1979-2014)
Professor Emeritus of Special Education

Betty J. Blackman (1986-1999)
Dean and Professor of the Library

William R. Blischke (1969-2001)
Professor Emeritus of Sociology

Martin R. Blyn (1969-2001)
Professor of Finance & Quantitative Methods

Arthur Bohart (1976-2005)
Professor Emeritus of Psychology

Charmayne Bohman (1971-2004)
Professor Emeritus of Graduate Education

Martha Boughen (2006-2019)
Lecturer Emeritus of School of Nursing
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Boice Bowman (1994-2009)
Professor Emeritus of Health and Human Services

David Bradfield (1982-2016)
Professor Emeritus of Music

Kaye Bragg (2007-2016)
Dean of Undergraduate Studies and Professor
Emeritus of Political Science
B.A., 1974, Colorado State University; M.A., 1984, University of Denver;
Ph.D., 1993 Colorado State University

Joseph Braun (1983-2006)
Professor Emeritus of Teacher Education

David E. Brest (1968-2000)
Professor Emeritus of Biology

Jeffrey Broude (1977-2007)

Professor Emeritus of University Library

Frederic Brulois (1985-2015)
Professor Emeritus of Mathematics
M.A., 1980, Stanford University; Ph.D., 1981, Stanford University

Brynne Bryan (2008-2023)
Lecturer Emeritus of Biology
B.S., 1989, Southern Arkansas University; M.S., 1995, University of North Texas; Ph.D., 2008, Universidad de Puerto Rico

Edith Buchanan (1972-1982)
Professor of Education

C

Hansonia Caldwell (1972-2006)
Professor Emeritus of Music

Marine Cano (2018-2023)
Head Coach, Women's Soccer

James Cantor (1999-2014)
Professor Emeritus of Teacher Education

Mary Lou Cappel (1985-2023)
Excellence in Service Award, 2013
Professor Emeritus of Kinesiology
B.S., 1971, University of Missouri, Columbia; M.S., 1980, University of North Carolina, Chapel Hill; Ph.D., 1988, University of Southern California

Carole Casten (1982-2023)
Excellence in Service Award, 2014
Professor Emeritus of Kinesiology
B.A., 1972, Purdue University;
M.S., 1975, Purdue University; Ph.D., 1983, University of Southern California

Kathleen Chai (2006-2019)
Professor Emeritus of School of Nursing
B.A., 1990, California State University Dominguez Hills;
M.S., 1993 California State University
Dominguez Hills; Ph.D., 2006, Claremont Graduate University

David Champion (1969-2002)
Professor Emeritus of Music

Patricia Cherin (2007-2023)
Professor Emeritus of Interdisciplinary Studies

Ann Chlebicki (1999-2014)
Professor Emeritus of Graduate Education
B.S., 1971, Boston University;
M.S., 1972, Boston University; Ed.D., 1980, University of Southern California

Robert Christie (1970-2003)
Professor Emeritus of Sociology

Sharon Chun Wetterau (2013-2023)
Lecturer Emeritus of Social Work
B.A., 1990, University of California, Los Angeles; M.S.W., 1993, University of California, Los Angeles

David A. Churchman (1976-2003)
Professor Emeritus of Behavioral Science

Leon S. Cohen (1982-2002)

Professor Emeritus of Interdisciplinary Studies

Joel Colbert (1988-2003)

Professor Emeritus of Teacher Education

Gary Branson Colboth (1970-1994)

Professor of Public Education

Maximiliano Contreras (1980-2013)

Professor Emeritus of Graduate Education

B.A., 1965, University of New Mexico; M.A., 1972, Chapman College; Ed.D., 1978, University of Wyoming

Lenora G. Cook (1984-2001)

Professor Emeritus of Teacher Education

Enrique Cortes (1974-1993)

Professor Emeritus of History

Mary Cruise (1988-2001)

Professor Emeritus of School of Nursing

Jose Cuervo (1975-2001)

Professor Emeritus of Foreign Languages

Jeanne Curran (1972-2001)

Professor Emeritus of Sociology

D

Elizabeth Dales (2000-2014)

Librarian Emeritus of University Library

B.A., 1966, United College, University of Manitoba; M.S., 1968, University of Winnipeg; M.L.S., 1996, Emporia State University; M.A., 2006, California State University, Dominguez Hills

Ramona Davis (1979-2019)

Professor Emeritus of Psychology

B.A., 1975, Lincoln University; M.A., 1977, University of Southern California; Ph.D., 1990, University of Southern California

John Davis (1999-2020)

Professor Emeritus of Teacher Education

B.A., 1986, Howard University, Washington, D.C.; M.A., 1992, California State University, Dominguez Hills; Ph.D., 1999, University of Southern California

Peter Desberg (1970-2009)

Lyle E. Gibson Distinguished Teacher Award, 1995; Presidential

Outstanding Professor Award, 2009

Professor Emeritus of Graduate Education

Miguel Dominguez (1989-2019)

Lyle E. Gibson Distinguished Teacher Award, 1993

Professor Emeritus of Modern Languages

B.A., 1970, California State University, Los Angeles; M.A., 1973, Brown University; Ph.D., 1983, University of California, Los Angeles

Jamie Dote-Kwan (2003-2012)

Professor Emeritus of Teacher Education

B.A., 1976, California State University, Los Angeles; M.A., 1979, California State University, Los Angeles; Ph.D., 1991, University of California, Los Angeles

Michael Durand (1990-2019)

Professor Emeritus of Physics

B.S., 1971, University of Alberta; M. Eng., 1978, University of Alberta; Ph.D., 1979, Cornell University

James A. Durham (1979-1996)

Associate Vice President for Administration and Professor of Instructional Media

E

Catherine Earl (2014-2019)

Professor Emeritus of School of Nursing

B.S.N., 1984, University of Michigan; MSN, 1990, Grand Valley State University; Ph.D., 1998, Western Michigan State

Amer El-Ahraf (1990-1998)

Vice President for University Advancement and Professor of Health Science

Sally Etcheto (1974-2016)

Professor Emeritus of Music

F

Cheryl Fantuzzi (2006-2022)

Lecturer Emeritus of English

B.A., 1987, University of California, Los Angeles; M.A., 1989, University of California, Los Angeles; Ph.D., 1996, University of California, Los Angeles

Larry S. Ferrario (1996-2006)

Professor Emeritus of English

Bryan A. Feuer (2006-2014)

Professor Emeritus of Humanities

Alan M. Fisher (1975-2008)

Professor Emeritus of Political Science and Economics

Dorothy Fisher (2010-2015)

Professor Emeritus of Information Systems & Operations Management

Farah Lee Fisher (1991-2016)

Lyle E. Gibson Distinguished Teacher Award, 1993; Presidential

Outstanding Professor Award, 2000

Professor Emeritus of Teacher Education

B.A., 1969, Pacific Lutheran University; M.S., 1979, California

State University, Long Beach; Ed.D., 1986, University of Southern California

Marinne Frank (1970-2002)

Professor Emeritus of Physical Education

Rodney Freed (1975-2017)

Professor Emeritus of Accounting, Finance and Economics

B.A., 1972, University of Virginia; Ph.D., 1977, University of Virginia; M.A., 1985, University of California, Los Angeles

Ph.D., 1983, University of California, Los Angeles

Raoul Freeman (1984-2009)

Professor Emeritus of Information Systems & Operations Management

Leena Furtado (1998-2021)

Professor Emeritus of Graduate Education

B.A., 1972, Calcutta University; M.A., 1974, Jadavpur University;

B.Ed., 1976, Calcutta University; Ph.D., 1996, Texas A&M University

Munashe Furusa (2000-2014)

Professor Emeritus of Africana Studies

Jitsuo Furusawa (1994-2004)

Professor Emeritus of Graduate Education

G

Anne Garrett (2006-2019)

Lecturer Emeritus of Interdisciplinary Studies

Janine Lynn Gasco (2001-2022)

Excellence in Research, Scholarship and Creative Activity Award, 2011

Professor Emeritus of Anthropology

B.A., 1977, University of California, Santa Barbara;
M.A., 1982, University of California, Santa Barbara;
Ph.D., 1987, University of California, Santa Barbara

Ken Gash (1967-2002)

Professor Emeritus of Chemistry

Lila B. Geller (1969-1997)

Professor Emeritus of English

Richard Gordon (1980-2011)

Professor Emeritus of Teacher Education

Margaret Faulwell Gordon (1988-2012)

Professor Emeritus of Anthropology

Gay Goss (1999-2017)

Professor Emeritus of School of Nursing

B.S., 1982, California State University, Stanislaus; M.S.N., 1984, University of California, San Francisco;
Ph.D., 1995, University of California, San Francisco

Mekada Graham (2008-2022)

Professor Emeritus of Social Work

B.A., 1981, Middlesex University; M.A., 1997, Middlesex University; Ph.D.,
2001, University of Hertfordshire

Lisa O. Gray-Shellberg (1967-2003)

Lyle E. Gibson Distinguished Teacher Award, 1986; Presidential
Outstanding Professor Award, 2001

Professor Emeritus of Psychology

Linda Groff (1972-2007)

Professor Emeritus of Political Science and Economics

Carol Guze (1967-2001)

Professor Emeritus of Biology

H

William M. Hagan (1967-1998)

Professor Emeritus of Philosophy

James G. Harris (1969-2000)

Professor Emeritus of Economics

Arthur L. Harshman (1971-2000)

Professor Emeritus of Art

Aaron H. Hass (1974-2008)

Professor Emeritus of Psychology

Donald Teruo Hata (1970-2002)

Lyle E. Gibson Distinguished Teacher Award, 1977; Presidential
Outstanding Professor Award, 1990-Recipient of State Award
Professor Emeritus of History

Rodrick Hay (1996-2019)

Professor Emeritus of Earth Science and Geography

B.S., 1978, Northern Arizona University; M.B.A., 1982, University of Santa
Clara; M.A., 1991, University of Arizona; Ph.D., 1996, University of Arizona

Diane Hembacher (1997-2013)

Professor Emeritus of Teacher Education

B.A., 1974, University of California, Los Angeles; M.A., 1981, California
State University, Los Angeles; Ph.D., 1993, University of California, Los
Angeles

George Martin Heneghan (1967-1992)

Lyle E. Gibson Distinguished Teacher Award, 1975

Professor Emeritus of Political Science

Jackson N. Henry (1975-2002)

Professor Emeritus of Mathematics

Diane Henschel (1971-2005)

Professor Emeritus of Psychology

Gilah Hirsch (1973-2015)

Professor Emeritus of Art and Design

B.A., 1967, University of California, Berkeley; M.F.A., 1970, University of
California, Los Angeles

Charles Hohm (2004-2010)

Professor Emeritus of Sociology

Marjorie Holden (1978-1992)

Professor Emeritus of Graduate Education

Nancy Hollander (1972-2004)

Professor Emeritus of Liberal Arts

Howard Holter (1970-2007)

Professor Emeritus of History

Ellen Hope Kearns (1990-2007)

Professor Emeritus of Health Sciences

Fumiko Hosokawa (1972-2012)

Professor Emeritus of Sociology

B.A., 1969, California State College; M.A., 1971, University of California,
Los Angeles; Ph.D., 1972, University of California, Los Angeles

Richard B. Hovard (2005-2006)

Professor Emeritus of Sociology

Chi-Hua Wu Hsiung (1972-1992)

Lyle E. Gibson Distinguished Teacher Award, 1976

Professor of Health Sciences

Susan Huniu (2006-2023)

Excellence in Service Award, 2022

Lecturer Emeritus of Mathematics

B.A., 1987, California State University, Dominguez Hills;

Gail F. Hunt (1976-2003)

Professor Emeritus of University Library

Lisa A. Hutton (2002-2022)

Professor Emeritus of Liberal Studies

B.A., 1985, University of California, Los Angeles;
M.Ed., 1986, University of California, Los Angeles;
Ed.D. 2002, University of California, Los Angeles

I

Laura Inouye (1988-2006)
Professor Emeritus of School of Nursing

Louise H. Ivers (1971-2008)
Professor Emeritus of Art

J

Judith M. Jackson (1981-1998)
Professor Emeritus of Graduate Education

Cheryl Jackson-Harris (1990-2014)
Professor Emeritus of Clinical Science
B.S., 1968, Xavier University; M.S., 1982, California State University,
Dominguez Hills

Catherine Jacobs (1990-2016)
Professor Emeritus of Interdisciplinary Studies

James Jeffers (2007-2016)
Professor Emeritus of History
B.A., 1977, Biola University; M.A., 1985, University of California, Irvine;
Ph.D., 1988, University of California, Irvine

Steven Jenner (1991-2013)
Professor Emeritus of Management and Marketing

George Jennings (1982-2016)
Professor Emeritus of Mathematics

Joyce Johnson (1972-2002)
Lyle E. Gibson Distinguished Teacher Award, 1988
Professor Emeritus of English

M. Kathleen Johnston (1988-2003)
Professor Emeritus of School of Nursing

Susan Johnston (1974-2009)
Presidential Outstanding Professor Award, 2002
Professor Emeritus of Teacher Education

William B. Jones (1970-1999)
Professor Emeritus of Computer Science

Ellen Junn (2014-2016)
Provost and Vice President of Academic Affairs and Professor Emeritus
of Psychology
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K

Patricia L. Kalayjian (2005-2018)
Professor Emeritus of Interdisciplinary Studies
B.A., 1969, Pomona College; M.A., 1985, Duke University;
Ph.D., 1991, Duke University

Gene A. Kalland (1966-1996)
Professor Emeritus of Biology

Jay Kaplan (1971-2013)
Professor Emeritus of Political Science

David J. Karber (1973-2002)
Lyle E. Gibson Distinguished Teacher Award, 2000

Professor Emeritus of Public Administration

Abraham Kidane (1971-2001)
Professor Emeritus of Economics

Jack William Kitson (1974-1998)
Professor of Marketing

Kazimierz Kowalski (1988-2013)
Lyle E. Gibson Distinguished Teacher Award, 1998
Professor Emeritus of Computer Science

Eunice Lynn Krinsky (1982-2004)
Lyle E. Gibson Distinguished Teacher Award, 1992; Presidential
Outstanding Professor Award, 1994
Professor Emeritus of Mathematics

Pamela Krochalk (1990-2018)
Professor Emeritus of Health Sciences
B.A., 1965, California State University, Long Beach; M.A., 1968, University of California,
Dr.PH., 1980, University of California, Los Angeles

Ken Kuykendall (-1998)
Professor Emeritus of Anthropology

L

John J. LaCorte (1972-2002)
Professor Emeritus of Philosophy

Antonia Issa Lahera (2012-2019)
Assistant Professor of Educational Administration
B.A., 1986, California State University, Long Beach; M.A., 1996, United States
International University; Ed.D., 2003, University of Southern California

Shirley Lal (1999-2009)
Professor Emeritus of Teacher Education

Thomas Landefeld (1996-2018)
Professor Emeritus of Biology
B.A., 1969, Marietta College; M.S., 1971,
University of Wisconsin, Madison;
Ph.D., 1973, University of Wisconsin, Madison

Noreen Larinde (1970-2001)
Professor Emeritus of Art

H. Keith Lee (1969-2001)
Professor Emeritus of Physics

Rita Lee (1991-2008)
Professor Emeritus of Graduate Education

Yvone V. Lenard (1968-1983)
Presidential Outstanding Professor Award, 1974
Professor of French

G. Keong Leong (2014-2020)
Professor Emeritus of Information Systems & Operations Management
B.Eng., 1973, University of Malaya; MBA, 1984, University of South
Carolina; Ph.D., 1987, University of South Carolina

Donald Lewis (1970-2008)
Professor Emeritus of Philosophy

Judith Lewis (1987-2000)

Professor Emeritus of School of Nursing

Virginia Long (1983-2008)

Professor Emeritus of Student Health & Psychological Services

Carol Lopilato (1974-2001)

Professor of Finance & Quantitative Methods

James L. Lyle (1972-2004)

Lyle E. Gibson Distinguished Teacher Award, 1985

Professor Emeritus of Chemistry

M

Nada Mach (1984-2011)

Professor Emeritus of Teacher Education

Mitch Maki (2005-2016)

Vice Provost of Academic Affairs and Professor Emeritus of Social Work

B.S., 1982, University of Southern California; M.S.W., 1984, University of Southern California; Ph.D., 1993, University of Southern California

Richard B. Malamud (1990-2017)

Lyle E. Gibson Distinguished Teacher Award, 2000; Presidential Outstanding Professor Award, 2014

Professor Emeritus of Account, Finance and Law

B.A., 1974, University of California, Los Angeles; J.D., 1976, Loyola Law School, Los Angeles; LL.M., 1979, New York University Graduate Law School

Wayne Martin (1971-2005)

Lyle E. Gibson Distinguished Teacher Award, 1997

Professor Emeritus of Political Science

Anthony A. Mastor (1978-1988)

Professor of Finance & Quantitative Methods

Francis McCarthy (1973-2008)

Professor Emeritus of Biology

Joseph F. McCloskey (1980-1987)

Professor of Finance & Quantitative Methods

Cynthia J. McDermott-LaCorte (1990-2004)

Lyle E. Gibson Distinguished Teacher Award, 2001

Professor Emeritus of Teacher Education

Irene McKenna (1972-2002)

Professor Emeritus of English

Cheryl McKnight (2007-2023)

Lecturer Emeritus of SLICE

B.A., 2001, California State University, Dominguez Hills, M.A., 2006, California State University, Dominguez Hills

Caron Mellblom (1995-2017)

Excellence in Service Award, 2006

Professor Emeritus of Teacher Education

B.A., 1979, California State University, Fullerton; M.S., 1981, University of Wyoming; Ed.D., 1992, University of Northern Colorado

Frank B. Miles (1972-2001)

Professor Emeritus of Mathematics

M. Milo Milfs (1962-1985)

Professor Emeritus of Psychology

Herbert Milgrim (1972-2004)

Professor Emeritus of Finance & Quantitative Methods

Robert Bryant Mills (1983-2000)

Professor Emeritus of Management

Burckhard Mohr (1970-2014)

Professor Emeritus of English

B.A., 1967, University of Berkeley; Ph.D., 1973, University of California, Berkeley

Sean Morgan (1994-2005)

Professor Emeritus of Graduate Education

George P. Morris (1973-1999)

Professor of Marketing

Naomi Moy (1972-2012)

Excellence in Service Award, 2013

Librarian Emeritus of University Library

N

David Nasatir (1976-1994)

Professor of Behavioral Science

Mazin K. Nashif (1973-2001)

Professor of Finance & Quantitative Methods

Richard G. Nehrbass (1975-2000)

Professor Emeritus of Management

Deandrea L. Nelson (2002-2020)

Professor Emeritus of Teacher Education

B.A., 1976, California State University, Northridge; M.Ed., 1997, California State University, Long Beach; Ed.D., 2001, University of Southern California

Janet Niederman (1988-2015)

Professor Emeritus of Student Health & Psychological Services

B.A., 1974, University of Rochester; B.A., 1978, State University of New York, Stony Brook

Ph.D., 1983, University of Texas, Austin

Anthony Normore (2007-2017)

Professor Emeritus of Graduate Education

B.A., 1982, Memorial University of Newfoundland; B.Ed.,

1983, Memorial University of Newfoundland;

M.A., 1997, Université Laval; Ph.D., 2001, University of Toronto

O

Trina O'Quinn (2005-2015)

Professor Emeritus of Marital & Family Therapy

Sandra Orellana (1973-2005)

Professor Emeritus of Anthropology

P

Marie Palladini (2007-2023)

Lyle E. Gibson Distinguished Teacher Award, 2014

Professor of Public Administration

B.A., 1974, Indiana University of Pennsylvania; J.D., 1984, Southwestern University School of Law

Beverly B. Palmer (1973-2001)

Presidential Outstanding Professor Award, 1995

Professor Emeritus of Psychology

Richard L. Palmer (1970-2008)

Professor Emeritus of Political Science and Economics

Sofia Pappatheodorou (1985-2014)
Professor Emeritus of Chemistry

George Pardon (1999-2008)
Vice President Emeritus

Sandra Parham (1999-2014)
Librarian Emeritus of University Library

Ruth A. Pease (1988-1999)
Professor Emeritus of School of Nursing

Robert Pestolesi (1978-1983)
Athletic Director and Professor Emeritus of Physical Education & Recreation

Claudia Peyton (2002-2021)
Associate Professor of Occupational Therapy
B.S., 1980, Loma Linda University; M.S., 1985, University of Southern California; Ph.D., 2002, The University of Nebraska-Lincoln

Laura Phillips (1973-2007)
Professor Emeritus of Biology

James Poole (1973-1995)
Professor Emeritus of Physical Education, Recreation and Dance

Priscilla Porter (1991-1998)
Associate Professor Emeritus of Teacher Education

Laurence Press (1986-2009)
Lyle E. Gibson Distinguished Teacher Award, 1990; Presidential Outstanding Professor Award, 1993
Professor Emeritus of Information Systems & Operations Management

Lihung Pu (2002-2023)
Professor Emeritus of Chemistry
B.S., 1995, University of California, Davis;
Ph.D., 2001, University of California, Davis

Q

John C. Quicker (1970-2007)
Professor Emeritus of Sociology

R

David B. Rankin (1966-1992)
Lyle E. Gibson Distinguished Teacher Award, 1984; Presidential Outstanding Professor Award, 1985
Professor Emeritus of English

Sharon Raphael (1970-2005)
Professor Emeritus of Sociology

Abe C. Ravitz (1966-1986)
Presidential Outstanding Professor Award, 1971
Professor Emeritus of English

Fahimeh Rezayat (1989-2017)
Lyle E. Gibson Distinguished Teacher Award, 2015
Professor Emeritus of Information Systems & Operations Management
B.S., 1970, Tehran University;
M.S., 1980, M.S., 1981, Western Michigan University; Ph.D., 1987, University of Virginia, Charlottesville

A. Terry Richardson (1999-2020)
Professor Emeritus of Graduate Education
B.S., 1977, California State University, Hayward; M.A., 1979, Antioch University; Ed.D., 1987, University of San Francisco; M.A., 1996, University of

Rhody Ringis (1973-1990)
Professor Emeritus of Teacher Education

Patricia Ripple (1984-2004)
Professor of Health Center- Counseling Services

Steve R. Riskin (1970-2004)
Lyle E. Gibson Distinguished Teacher Award, 1983
Professor Emeritus of Sociology

John Roberts (1985-2006)
Professor Emeritus of Biology

Pamela Robinson (2006-2022)
Lecturer Emeritus of Education
B.A., 1991, California State University, Dominguez Hills; M.A., 1994, California State University, Fullerton; Ed.D., 2006, University of Southern California

Laura Robles (1975-2012)
Lyle E. Gibson Distinguished Teacher Award, 1980; Presidential Outstanding Professor Award, 1986, 1988
Professor Emeritus of Biology
B.S., 1968, San Diego State University; M.S., 1971, San Diego State University; Ph.D., 1975, University of California, Santa Barbara

Monica Rosas-Baines (2001-2023)
Emeritus of Student Psychological Services
B.A., 1994, Loyola Marymount University; M.A., 1997, California School of Professional Psychology; Ph.D., 1999, California School of Professional Psychology

Larry Rosen (1976-2014)
Presidential Outstanding Professor Award, 1989, 1998; Lyle E. Gibson Distinguished Teacher Award, 1997; Excellence in Research, Scholarship and Creative Activity Award, 2009
Professor Emeritus of Psychology

Ernest Rosenthal (1973-1984)
Professor Emeritus of Art

S

David Safer (1975-1989)
Professor Emeritus of Communications

Ephriam Sando (1967-1999)
Professor Emeritus of English

Lilia Sarmiento (2004-2019)
Professor Emeritus of Teacher Education
M.A., 1985, California State University, Los Angeles;
M.A., 1988, California State University, Los Angeles; Ph.D., 2003, University of Southern California

Ralph Saunders (1998-2018)
Associate Professor Emeritus of Earth Science and Geography
B.A., 1984, Northwestern University; M.A., 1988, University of Illinois-Chicago; Ph.D., 1997, University of Arizona

Gary Sayed (2014-2019)
Professor of Health Sciences

Sue Schaar (2001-2011)

Professor Emeritus of Teacher Education

Stanley R. Schoen (1977-1991)

Professor Emeritus of Accounting and Law

Ira Schoenwald (1991-2004)

Professor Emeritus of Public Administration

Oliver Seely (1968-2006)

Professor Emeritus of Chemistry

Ann Selmi (2005-2019)

Professor Emeritus of Special Education

B.A., 1972, Santa Clara University; M.Ed., 1981, Boston College; Ph.D., 1990, University of Southern California

Michael R. Shafer (1969-2003)

Lyle E. Gibson Distinguished Teacher Award, 1986

Professor Emeritus of English

Carole Shea (2000-2015)

Professor Emeritus of School of Nursing

Fred M. Shima (1972-1998)

Professor Emeritus of Psychology

Eiichi Shimomisse (1971-2001)

Professor Emeritus of Philosophy

David R. Sigurdson (1972-2000)

Professor Emeritus of Earth Sciences

Donn E. Silvis (1990-2008)

Professor Emeritus of Communications

Karlton D. Skindrud (1972-2001)

Professor Emeritus of Graduate Education

Lyle E. Smith (1970-2004)

Professor Emeritus of English

Carol Snarr (1992-2001)

Professor Emeritus of School of Nursing

Frances J. Steiner (1967-2000)

Presidential Outstanding Professor Award, 1991

Professor Emeritus of Music

Gary Sterling (2006-2023)

Lecturer Emeritus of Science, Math, and Technology

B.A., 1974, University of California, Los Angeles; M.A., 1978, California State University, Fullerton; M.A., 1987, Golden Gate University

Frank A. Stricker (1972-2004)

Professor Emeritus of History

Franklin Strier (1974-2008)

Presidential Outstanding Professor Award, 1997

Professor Emeritus of Accounting and Finance

Marek Suchenek (1990-2019)

Professor Emeritus of Computer Science

M.S., 1973, Warsaw Technical University;

D.Sc., 1979, Warsaw Technical University

James Sudalnik (1980-2014)

Professor Emeritus of Communications

Marilyn Sutton (1973-2008)

Lyle E. Gibson Distinguished Teacher Award, 1980

Professor Emeritus of English

T

Kathleen Taira (1987-2005)

Professor Emeritus of Teacher Education

Judson H. Taylor (1970-1992)

Dean, School of Education and Professor Emeritus of Graduate Education

John Thomlinson (2005-2019)

Professor Emeritus of Biology

B.A., 1976, University of Cambridge;

M.A., 1980, University of Cambridge; M.S. 1979, University of London; Ph.D., 1993, University of Southern California

Judith L. Todd (1975-2004)

Professor Emeritus of Psychology

Kimberly Trimble (1991-2019)

Professor Emeritus of Teacher Education

B.A., 1974, DePauw University; M.A.T., 1978, Brown University; Ed.D., 1987, University of Southern California

Carol Tubbs (1982-2012)

Professor Emeritus of Theatre and Dance

Avrum Marco Turk (2002-2010)

Professor Emeritus of Negotiation, Conflict Resolution & Peacebuilding

Rich Turner (1988-2006)

Professor Emeritus of Communications

U

Clemet Udeze (1970-2006)

Professor Emeritus of History

Ricardo Ulivi (1985-2012)

Professor Emeritus of Accounting and Finance

W

Luz C. Watts (1988-2003)

Professor Emeritus of Foreign Languages

Jamie L. Webb-King (1975-2004)

Professor Emeritus of Earth Sciences

Jo Ann Wegmann (1988-2013)

Professor Emeritus of School of Nursing

Sydell Weiner (1984-2011)

Lyle E. Gibson Distinguished Teacher Award, 1989

Professor Emeritus of Theatre and Dance

Rose Welch (1990-2012)

Professor Emeritus of School of Nursing

Walter Wells (1967-1998)

Professor Emeritus of English

Vanessa Wenzell (1991-2021)

Professor Emeritus of English

B.A., 1972, Stanford; M.A., 1975, Berkeley; M.A., 1982, University of California, Los Angeles; Ph.D., 1987, University of California, Los Angeles

Elizabeth Annie Whetmore Wilson (2009-2022)

Associate Professor Emeritus of Political Science and Economics
B.S., 2001, University of Texas, Tyler; Ph.D. 2007, Texas A&M University

Andrea White (1997-2009)
Professor Emeritus of English

Sidney Glen White (1969-1996)
Professor Emeritus of Art

Connie White-Betz (1989-2013)
Professor Emeritus of Counseling Psychologist, Student Development
B.A., 1982, California State University, Dominguez Hills;
M.A., 1984, California State University, Dominguez Hills; Ph.D., 1988, University of Southern California

George R. Wiger (1976-2004)
Lyle E. Gibson Distinguished Teacher Award, 2002
Professor Emeritus of Chemistry

Samuel L. Wiley (1968-1997)
Professor Emeritus of Physics

William Wilk (1968-2001)
Professor Emeritus of Chemistry

John R. Wilkins (1990-2014)
Professor Emeritus of Mathematics
B.A., 1973, California State University, Los Angeles; M.A., 1978, California State University, Los Angeles; M.A., 1987, California State University, Los Angeles; M.S. 1991, California State University, Los Angeles; Ph.D., 1996, University of California, Los Angeles

Selase Williams (1994-2005)
Professor Emeritus of English

Karen Wilson (2004-2019)
Professor Emeritus of Psychology
B.S., 1994, Queen's University; M.S., 1996, Howard University; Ph.D., 2000, Howard University

George Wing (1988-2023)
Lecturer Emeritus of Kinesiology
B.A., 1977, California State University, Long Beach; M.S., 1982, California State University, Chico

Diana E. Wolff (1977-2000)
Professor Emeritus of Teacher Education

Y

Agnes Akiko Yamada (1972-2002)
Professor Emeritus of English

David H. Yanai (1977-1996)
Head Coach, Men's Basketball

Burhan F. Yavas (1981-2022)
Presidential Outstanding Professor Award, 1996
Professor Emeritus Account, Finance and Economics
B.A., 1973, Ankara University, Turkey; M.A., 1978, University of Southern California; Ph.D., 1983, University of Southern California

Kosaku Yoshida (1975-1999)
Lyle E. Gibson Distinguished Teacher Award, 1985
Professor Emeritus of Finance & Quantitative Methods

Z

Joanne Zitelli (2000-2014)
Professor Emeritus of English
B.A., 1973, California State University, Long Beach; M.A., 1974, Occidental College; Ph.D., 1981, University of California, Irvine

Cyril Zoerner (1997-2021)
Professor Emeritus of English
B.A., 1983, University of California, Irvine; M.A., 1994, University of California, Irvine; Ph.D., 1995, University of California, Irvine

Emeriti Staff

A

Patricia R Acone (1979-2001)
University Advisement

Edilberto C. Aguinaldo (1989-2003)
Accounting Services

Won Soon Ahn (1988-1998)
Physical Plant

Mahabub Alam (1996-2021)
Assoc. Dir, Infrastructure Svcs

Donna Alderman (1979-2015)
Admin Support Coord 12 Mo

Charles Alderson (1988-2007)
Procurement

Victoria Almeida (1989-2010)
Instructional Support Asst II

Jerry Alston (2000-2005)
Extended Education

Kathleen Andersen (1988-2015)
Library Services Spec III

Cheryl Anderson (1981-2021)
Admin Analyst/Spclst 12 Mo

Bernice Anderson (1996-2004)
Physical Plant

Lynn Anderson (1974-2008)
Information Technology

Kathy Andrews (1996-2009)
Admin Support Coord 12 Mo

Wendy Anson (1997-2008)
College of Extended & International Education

Helen Anthony (1987-1998)
College of Arts & Sciences

Jose Arechiga (2000-2005)

Physical Plant

Jiles E. Austin (1968-2002)
Physical Plant

Roland Ayala (2011-2023)
Facilities Maintenance Mech

B

Mercedes O. Bacalso (1989-2000)
Cashier's Office

Anna L. Bacaria (1988-2002)
Physical Plant

Shearl Bailey (1983-2000)
Human Resources Management

Nicole Ballard (1997-2017)
SSP II

Kim Barras (1995-2015)
Administrative Analyst

Doris M. Battle (1980-2000)
EOP

Leslie Bayless (1994-2022)
Administrative Support Coord

Betty Blackman (1986-1999)
Library

Karen P Blank (1990-2002)
Extended Education

Brenda Blow (1975-2014)
Accountant II

Ben Bodnar (2002-2021)
Info Tech Consultant 12 Mo

Joyce Bonds (2009-2021)
Exec Asst to VP, Student Affairs

Prudencio Borqueta (1986-2000)
Physical plant

James Bouchard (2001-2014)
Extended Ed Specialist II

Frank Boudreaux (1994-1999)
Telecommunications & Network Services

Van Bridgeman (1994-2015)
Assistant Director, MIDL

Cynthia Brown (1990-2021)
Reprographics Specialist II

Diane Burrus (1979-2006)
Student Affairs

C

Albert Carpenter (1980-2020)

Special Population Advisor

Karen Carpenter (1987-2021)
Credential Analyst II

Mark Cartwright (1983-2018)
Parking Administrator

Judith Case (1999-2012)
Assistant to the Dean

Thomas P. Casey (1974-2001)
Student Development

Raymond Chavez (2010-2022)
Groundworker

Pierto Ciaramitaro (1986-2007)
Physical Plant

Margaret Coda-Messerle (1981-2000)
Facilities Planning

Roberta L. Coe (1990-2001)
School of Health

Joseph Coldren (1996-2004)
University Outreach

Essie Colvin (1979-1996)
Physical Plant

John W. Cooley (1993-2002)
Reproduction Services

Dolores Cottom (1981-1995)
Financial Management

Lillie Cottrell (1976-2005)
University Library

Patricia Courtois (2006-2021)
Casual Worker

Delores Craig (1989-2007)
Division Of Academic Affairs

Delores Craig (1989-1996)
Social & Behavioral Sciences Graduate Program

Theresa Cuarenta (1980-2012)
Admin Analyst/Spclst 12 Mo

Carmen Cutshall (1973-1989)
Financial Management

D

Janet T. D'Agostino (1991-2001)
School of Business & Public Administration

Elizabeth Davis (1980-2014)
Coord of Library Student Svcs

Joellen Davis (1996-2013)
Academic Resource Manager

Patricia Davis (1970-2005)

University Library

Elizabeth DeSoto (1995-2020)
Asso. Dir Digital Transform

Joseph Dehlinger (1990-2011)
Receiving Services Supervisor

Domencio Del Re (1980-2005)
Physical Plant

Ronald Deretich (2008-2015)
Custodian

Larry I. Dewey (1969-2000)
Theatre Arts

Gregg Dexter (1980-2007)
Physical Plant

Perla P. Diaz (1973-2001)
Student Development

Constance D. Dixon (1974-2000)
Accounting Services

Juan Dominguez (1983-2007)
Physical Plant

Lucile Dowell (1982-2004)
Accounting

Steven Doyle (1980-2000)
Human Resources Management

Georgia V. Dukes (1974-2001)
Physical Plant

Raymond Dukes (1977-1999)
Physical Plant

E

Loretta Edwards (1984-2007)
Extended Education

Jeanenne Evett (1968-1983)
Library

F

Neil Farmer (1994-2019)
Psychology Technician

Rodney Foster (1996-2006)
Human Resources Management

Cornell Francois (1977-2008)
Physical Plant

Aura-Elba Frickel (1984-2004)
Computer Science

Clyde Fugami (2001-2015)
Pharmacist I 10 Mo

G

Irina Gaal (2001-2021)
Chief, Medical Services

Jane Garrett (1987-2005)
Educational Opportunity program

Anita Gash (1979-1996)
Admissions

Kenneth B. Gash (1979-2002)
Institutional Research

Bruce Gemmell (1982-2007)
Information Technology

Carole Gerst (1973-2008)
Communications Department

Jeanette Gimenez (1986-2007)
College of Extended Education

Larry Gomes (1997-2007)
Admin Support Coord 12 Mo

Larry Gomes (1997-2007)
Testing Office

Joseph Gomez (1999-2006)
Physical Plant

Janet Grabert (1981-2006)
Theater

E Granger (1988-2022)
Records Management Analyst

Lawrence Gray (1970-2008)
Student Development

Garret Greene (1982-2012)
Instructional Support Tech II

Argelis Grimshaw (1991-2007)
Admissions

Deborah Gritney (1984-2010)
Admin Analyst/Spclst 12 Mo

H

Lawrence E. Haley (1984-2001)
Computer Services

Eileen Hall (1994-2012)
SSP II

Pamela Hammond (1984-2005)
University Communications & Public Affairs

Ralph Hardin (1983-1999)
Physical Plant

Dovie Harness (2005-2021)
Admin Analyst/Spclst 12 Mo

Paul Harris (1984-2008)

Information Technology

Ruthie Harris (1994-2008)
Physical Plant

Billie Harrison (1983-1996)
Physical Plant

Arnold S. Haskin (1972-2001)
CAS Dean's Office

Phyllis Hawkins (1983-2004)
Information Technology

Mary Hayes (1983-2004)
Faculty Affairs

Barbara Hazelleaf (1977-1989)
Department of Human Services

John Hearn (1985-2017)
Instructional Support Asst III

Juana Henry-Turner (1981-2015)
Info Tech Consultant

Jeffrey Herrick (2003-2022)
Corporal

Nathlyn Hirohama (1991-2022)
Security Analyst

Evelyn Hitchcock (1974-1996)
Faculty Affairs

June Homma (1981-1996)
Student Health Center

Janie Hubbard (1984-2007)
Reprographics

Kathleen Hughes (1991-2006)
Business Process Management

Addie Hunt (1991-2008)
Information Technology

Bich-Dao Huynh (1989-2011)
Operations Specialist 12 Mo

Martha Hyde (1980-2005)
Records & Registration

J

Crystal Jackson (2005-2015)
Accounting Technician

Garry Jacobs (1977-2015)
Instructional Support Asst II

Peggy James (1980-2006)
Student Affairs

Monica Jimenez (1981-2012)
Div Coord Staff Personnel

Vernesta Johnson (1984-2020)

Coordinator

Cathy Jones (1999-2006)
College of Education

Tony Jones (1980-2021)
Custodial Mover

Cynthia Jones-Hunter (1989-2021)
Program Coordinator

Jennie Jurado Rodriguez (1989-2015)
SSP3

K

Shokichi G. Kamio (1982-2000)
Student Housing

M. Reza Karkia (1994-2000)
Academic Affairs

Janice Kawaminami (1977-2013)
Administrative Support Coord

Glenn Kinoshita (1996-2008)
Physical Plant

Virginia Knauss (1984-2015)
Department Secretary

Lane Koluvek (2001-2006)
Facilities Planning & Construction Management

Georgina Korthe (1972-2008)
Financial Aid Accounting

Gary Kuwahara (1981-2015)
University Photographer

L

Kathleen Lake (1982-2006)
Admissions

Ronald Lamb (1970-2001)
Physical Plant

Michael Lange (1979-2001)
Physical Plant

Dennis Lawson (1994-2022)
Sergeant

Sharon LeBot (1972-2007)
Instructional Media Services

Delores Lee (1995-2021)
Director, Financial Aid

Tina Lee (1985-2010)
Administrator II

Estella Leonard (1977-2006)
Physical Plant

Gary Lo (1989-2017)

Analyst/Programmer 12 Mo

Margarita Lopez (1987-2017)
Department Secretary

Michael Lordanich (1976-2002)
California State University Police

Margaret Louderback (1987-2000)
School of Health Dean's Office

Margaret Love-Nicholson (1989-2011)
Asset Management Clerk

Maxine Lowe (1987-2007)
Mail Services

Christina Luu (1998-2021)
Administrator II-NE

M

Robert Mackay (1989-1999),(2006-2009)
College of Extended & International Education

Cheryl Maddern (1976-1999)
Testing Office

James Mangielli (1981-1998)
California State University Police

Vincent Mangielli (1984-2021)
Logistics Clerk

Josephine Mangubat (1989-2004)
Records

Limena Manu (1979-2011)
Accounting Technician II

Susan Martin (1988-2008)
Accountant I

Ernesto Marzo (1971-2008)
Physical Plant

Judy T. Matsushima (1973-2001)
Student Affairs

Leatha May (1987-2007)
Records & Registration

David McCulloch (1990-2008)
Administration & Finance

Kathy McKelvie (1982-2018)
Admin Analyst/Spclst 10/12

Karen K. McLoud (1993-2001)
Payroll Services

Betty Melton (1997-2005)
Sociology

Carolyn Mesias (1994-2014)
Library Accounting Technician

Edward Milecki (1997-2015)

Director, ALCP, CEIE

Victoria Miller (2007-2009)
Admin Support Coord 12 Mo

Dawnnette Miyashiro (1981-2006)
College of Education

Raymond Montoya (1988-2021)
Lead Plumber

Sheila Moore (1986-2011)
Accounting Services ASC

Janice Morrison (1973-1995)
President's Office

Naomi Moy (2018-2019)
Librarian Assistant

Dolores Moyer (1971-1989)
Financial Management

Masaharu Munesato (1972-1983)
Physical Plant

Bill T. Muramotoc ()
Physical Plant

Peter Murillo (2005-2016)
Reprographics Specialist II

Jeannine A. Myers (1975-2000)
Theatre Arts

N

Miriam Neal (1993-2021)
Library Services Spec II

Tuan M. Nguyen (1990-2000)
Financial Aid

Vicki Nishida (2001-2013)
SSP III 12 Mo

Stanley Noguchi (1976-2006)
Biology Department

O

Jose Ochoa (1988-2006)
Physical Plant

Ellen A. Ogata (1975-2002)
President's Office

Kiyoko Okada (1973-1988)
Cashier's Office

Ronald Okamoto (1984-2007)
Physical Plant

Michael F. Old (1972-2001)
Physical Plant

Dennis Olsen (1999-2005)

Physical Plant

Richard Ontiveros (1988-2004)
Physical Plant

Adriana Ortiz (1984-2005)
Reproduction Services

Ann Overton (1974-2012)
Student Pers Tech, Financial Aids

P

Frank Paine (1974-2008)
Instructional Media Services

George Pardon (1999-2006)
Administration & Finance

Carolyn Parker-Hutchinson (1999-2022)
Credential Analyst II

Ann Pebbles (1993-2004)
Biology

Jack L. Peconic (1993-2004)
Public Safety

John Pierce (1999-2014)
Graphic Designer 12 Mo

John Pierce (1999-2014)
Graphic Designer II

Cymbeline Ponce (2005-2021)
Sergeant

Elizabeth Powell (2009-2015)
Internship Specialist

Charles W. Prough, Jr. (1978-2001)
Telecommunications & Network Services

Q

Nicholas Quaglio (1979-1998)
Equipment Services

Roberta Quinte (1973-2006)
Instructional Media Services

R

Judith Radeke (1999-2018)
Administrative Assistant / Admin Support Coord 12 Mo

Karl Ralph (1989-2006)
Student Affairs

Kathleen Ramirez (1991-2002)
Payroll Services

Teresa Ramirez-Garcia (2005-2016)
Custodian

Keith Reynolds (1974-2005)
Mail Services

Denise Richardson (1998-2001)
Admin Support Assistant 12 Mo

Dorothy Richardson (1974-1990)
Equipment Services

Judith Richey (1974-2002)
Records & Registration

Jean Riggs (1972-1989)
Physical Education

Raymond Riznyk (2002-2008)
Administrator III

Raymond Riznyk (2002-2008)
Research & Funded Projects

Pauline Robinson (1979-2004)
Accounting

Jose Robledo (1988-2021)
Recycling Coordinator

Alonzo Rodriguez (1996-2006)
Student Affairs

Marian Rosser (1966-1996)
President's Office

Estela Roxas (1980-1996)
Accounting Services

Clifford Ruddick (1990-2016)
Accounts Payable Lead

Dennis R. Ruffcorn (1989-2004)
Reproduction Services

S

Charlene Sanders (1986-2001)
National Council for Black Studies

Fred Sanders (2001-2007)
Physical Plant

Mark Seigle (2002-2014)
Administrator III

Catherine Shaffer (1969-1996)
Financial Aid

Kiran Sharma (2003-2017)
Registered Nurse II 12 Mo

Patricia Shelton (1979-2020)
Clinical Lab Technologist II

David R. Sigurdson (1972-2000)

Pilar Simi (1981-2018)
Outreach Officer

Patsy Simpson (1980-1996)
Student Housing

Steven Slimp (1989-2010)

Central Plant Operations Mgr.

Susan Sloan (1989-2011)
Chief of Police

Jo Ann Smith (2003-2009)
Research & Funded Projects

Marion Smith (1986-2011)
Web Policy Consultant

Michael Smith (1996-2016)
Assistant Director

Suzanne Smith (1999-2006)
Facilities Planning & Construction Management

Sylvia Soos (1970-2005)
Information Technology

Earl K. Spears (1980-2002)
Physical Plant

Wallace S. Stepenske (1970-2000)
College of Arts & Sciences Dean's Office

Henry Stillwell (1983-2005)
Physical Plant

Lyda Stukes (1990-2020)
Assistant to the Dir PCLASS

Isobel Suhr (1989-2016)
Assistant to Associate Dean

Deborah Sutton (1974-2016)
Assistant to the Director

T

Lillian Tan (1968-2001)
Faculty Affairs

Penny Tanaka (1984-2019)
Programmer Analyst

Donald Taylor (1983-2014)
Admin Support Assistant 12 Mo

Enola Thompson-Logan (1976-2015)
Support Services Administrator

Wayne Timmerman (2007-2022)
Safety Ambassador

Carole Todd-Caldwell (1990-1995)
School of Health

Clyde Tokumoto (1984-2015)
Instructional Support Tech

Emalene Trevor (1989-2000)
Accounting Services

Bessie Trimble (1978-1995)
Physical Plant

Elenoa Tufuga (1983-2004)

School of Science, Mathematics, & Technology

June Turner (1978-1995)
College of Arts & Sciences

Mary Turner (1985-2001)
Library

Frances Twillie (1993-2017)
Analyst/Programmer 12 Mo

U

Joy Ujadughele (1986-2006)
Honors Program

Joann Uno (1983-2012)
Department Secretary

Frank Urquidez (1977-2009)
EOP

V

Petrus Van Hamersveld (1986-2019)
institutional Baseline Sr Anal

Kimberly Van Leeuwen (1998-2023)
Associate Director, C&E

Clifton Vandoren (1977-2022)
Custodial Mover

Khanh Vanpetten (1997-2016)
Financial Manager, CNBS

Maria L. Vazquez (1980-2001)
Outreach Services

Ruth Kay Verner (1990-2007)
College of Education

Svetco Vladich (1982-2000)
University Housing

W

Babette Wald (2004-2015)
Extension Program Coordinator

Kathleen O'D. Walton (2000-2005)
President's Office

John Wamsley (2003-2015)
Lead Electrician

Rochelle Watkins (1995-2007)
Health Services

Patricia Wells (1983-2016)
Director, Student DisAbility Cnt

Barbara J. West (1980-2002)
Admissions & Records

Barbara Williams (1978-2007)
Information Technology

Linda Williby (1981-2002)
College of Arts & Sciences Dean's Office

Catherine Wilson (1994-2000)
Diversity Issues & Employment Practices

Thomas Wood (1985-2013)
Facilities Control Specialist

James Woods (1984-2008)
Records & Registration

Betty Wucetich (1987-2008)
Admissions

Y

Elaine Yamachika (1969-1988)
English Department

K. Kay Youlin (1987-2000)
School of Dean's Office

Fees

2023-25 Schedule of Tuition and Fees

The CSU makes every effort to keep student costs to a minimum. Tuition and fees listed in published schedules or student accounts may need to be increased when public funding is inadequate. Therefore, CSU reserves the right, even after tuition or fees are initially charged or initial payments are made, to increase or modify any listed tuition or fees. All listed fees, other than mandatory systemwide tuition, are subject to change without notice, until the date when instruction for a particular semester or quarter has begun. All CSU-listed tuition and fees should be regarded as estimates that are subject to change upon approval by the Board of Trustees, the chancellor or the presidents, as appropriate. Changes in mandatory systemwide tuition will be made in accordance with the requirements of the Working Families Student Fee Transparency and Accountability Act (Sections 66028 – 66028.6 of the California Education Code).

The following reflects applicable systemwide tuition and fees for both semester and quarter universities for undergraduate, credential, graduate, postbaccalaureate, and doctoral programs.

These rates are subject to change.

Information concerning the cost of attending CSU Dominguez Hills is available from the Information Center, WH D-245, (310) 243-3696, and includes fees and tuition (where applicable); the estimated costs of books and supplies; estimates of typical student room and board costs and transportation costs; and, if requested, additional costs for specific programs.

Application for Admission to the University

All Students

Application Fees

| Cost | Fees |
|------|---|
| \$70 | All Students: Application Fee (nonrefundable), payable online at the time of application via credit card or PayPal. |
| \$15 | Late Application fee |

2023-24 Basic Tuition

| Units | Per Semester | Per Quarter | Per Academic Year |
|---|--------------|-------------|-------------------|
| Undergraduate Tuition | | | |
| 6.1 or more | \$2,871 | \$1,914 | \$5,742 |
| 0 to 6.0 | \$1,665 | \$1,110 | \$3,330 |
| Credential Program Tuition | | | |
| 6.1 or more | \$3,330 | \$2,220 | \$6,660 |
| 0 to 6.0 | \$1,932 | \$1,288 | \$3,3864 |
| Graduate or Other/Post baccalaureate Tuition | | | |
| 6.1 or more | \$3,588 | \$2,392 | \$7,176 |
| 0 to 6.0 | \$2,082 | \$1,388 | \$4,164 |

***Note:** All fees are subject to change based on further action by the Trustees of the California State University and the California Legislature or the CSU Dominguez Hills President.

****Note:** Applicable term tuition applies for universities with special terms, as determined by the university. Total college year tuition cannot exceed the academic year plus summer term tuition. The summer term tuition for the education doctorate at quarter universities is equal to the per semester tuition listed in the table. Total tuition for the education doctorate over the college year equals the per academic year tuition plus the per semester tuition for the summer term at all CSUs.

For summer session fees, please consult the summer session Class Schedule.

2023-24 Doctorate Tuition*

| Units | Per Semester | Per Quarter | Per Academic Year |
|----------------------|--------------|-------------|-------------------|
| Audiology | \$7,371 | | \$14,742 |
| Education | \$5,919 | \$3,946 | \$11,838 |
| Nursing Practice | \$7,635 | | \$15,270 |
| Occupational Therapy | \$8,598 | | \$17,196 |
| Physical Therapy | \$8,598 | | \$17,196 |
| Public Health | \$9,450 | | \$18,900 |

*Applicable term tuition applies for universities with special terms, as determined by the university. Total college year tuition cannot exceed the

academic year plus summer term tuition. The summer term tuition for the education doctorate at quarter universities is equal to the per semester tuition listed in the table. Total tuition for the education doctorate over the college year equals the per academic year tuition plus the per semester tuition for the summer term at all CSUs.

2023-24 Graduate Business Professional Fee

Graduate Business Professional Fee

| Cost | Fees |
|-------|---------------------------|
| \$270 | Charge Per Unit- Semester |
| \$180 | Charge Per Unit- Quarter |

The graduate business professional fee is paid on a per unit basis in addition to applicable systemwide tuition fees and campus fees for specific graduate business programs authorized to assess the fee. A list of academic programs authorized to assess the fee can be found on the CSU Tuition website (<https://www.calstate.edu/attend/paying-for-college/csu-costs/tuition-and-fees/Pages/basic-tuition-and-fees.aspx>).

- Master of Science (M.S.) programs in Accountancy
- Master of Science (M.S.) programs in Business Administration
- Master of Science (M.S.) programs in Business Analytics
- Master of Science (M.S.) programs in Business and Technology
- Master of Science (M.S.) programs in Entrepreneurship and Innovation
- Master of Science (M.S.) programs in Finance
- Master of Science (M.S.) programs in Health Care Management
- Master of Science (M.S.) programs in Health Services Administration
- Master of Science (M.S.) programs in Information Systems
- Master of Science (M.S.) programs in Information Technology
- Master of Science (M.S.) programs in Marketing
- Master of Science (M.S.) programs in Taxation

Nonresident Students (U.S. and Foreign)

Nonresident Tuition Fee (in addition to basic tuition fees and other systemwide fees charged all students) for all CSUs:

2023-24 Nonresident Tuition Fee (U.S. and Foreign)

| Cost | Fees |
|-------|---------------------------|
| \$396 | Charge Per Unit- Semester |
| \$264 | Charge Per Unit- Quarter |

The total nonresident tuition fee paid per term will be determined by the number of units taken.

Students are charged campus fees in addition to tuition and other systemwide fees. Information on campus fees can be found by contacting the individual CSUs.

Credit Cards:

Visa, MasterCard, American Express and Discover credit cards may be used for payment of student tuition and fees but may be subject to a non-refundable credit card processing fee.

2024-25 Schedule of Tuition and Fees

The CSU makes every effort to keep student costs to a minimum. Tuition and fees listed in published schedules or student accounts may need to be increased when public funding is inadequate. Therefore, CSU reserves the right, even after tuition or fees are initially charged or initial payments

are made, to increase or modify any listed tuition or fees. All listed fees, other than mandatory systemwide tuition, are subject to change without notice, until the date when instruction for a particular semester or quarter has begun. All CSU-listed tuition and fees should be regarded as **estimates** that are subject to change upon approval by the Board of Trustees, the chancellor or the presidents, as appropriate. Changes in mandatory systemwide tuition will be made in accordance with the requirements of the Working Families Student Fee Transparency and Accountability Act (Sections 66028 – 66028.6 of the Education Code).

The following reflects applicable systemwide tuition and fees for both semester and quarter universities from undergraduate, credential, graduate, post baccalaureate and doctoral programs.

These rates are subject to change.

Application fee (nonrefundable), payable online at the time of application via credit card or PayPal: \$70.

Mandatory systemwide tuition is waived for those individuals who qualify for such exemption under the provisions of the California Education Code (see section on fee waivers).

Students are charged campus fees in addition to tuition and systemwide fees. Information on campus fees can be found by contacting the individual CSUs.

Information concerning the cost of attending CSU Dominguez Hills is available from the Information Center, WH D-245, (310) 243-3696, and includes fees and tuition (where applicable); the estimated costs of books and supplies; estimates of typical student room and board costs and transportation costs; and, if requested, additional costs for specific programs.

Application for Admission to the University

All Applicants

APPLICATION FEES

| Cost | Fees |
|------|--|
| \$70 | All Students: Application Fee (nonrefundable), payable online at the time of application via credit card, e-check or PayPal. |
| \$15 | Late Application fee |

2024-25 Basic Tuition Fees

2024-25 BASIC TUITION

| Units | Per Semester | Per Quarter | Per Academic Year |
|--|--------------|-------------|-------------------|
| Undergraduate Tuition | | | |
| 6.1 Or more | \$3,042 | N/A | \$6,084 |
| 0 to 6.0 | \$1,764 | N/A | \$3,528 |
| Credential Program Tuition | | | |
| 6.1 or more | \$3,531 | N/A | \$7,062 |
| 0 to 6.0 | \$2,049 | N/A | \$4,098 |
| Graduate/Post Baccalaureate Tuition | | | |

| | | | |
|-------------|---------|-----|---------|
| 6.1 or more | \$3,804 | N/A | \$7,608 |
| 0 to 6.0 | \$2,208 | N/A | \$4,416 |

2024-25 Doctorate Tuition*

| Units | Per Semester | Per Quarter | Per Academic Year |
|----------------------|--------------|-------------|-------------------|
| Audiology | \$7,812 | | \$15,624 |
| Education | \$6,273 | \$4,182 | \$12,546 |
| Nursing Practice | \$8,094 | | \$16,188 |
| Occupational Therapy | \$9,114 | | \$18,228 |
| Physical Therapy | \$9,114 | | \$18,228 |
| Public Health | \$9,450 | | \$18,900 |

*Applicable term tuition applies for universities with special terms, as determined by the campus. Total college year tuition cannot exceed the academic year plus summer term tuition. The summer term tuition for the education doctorate at quarter universities is equal to the per semester tuition listed in the table. Total tuition for the education doctorate over the college year equals the per academic year tuition listed in the table. Total tuition for the education doctorate over the college year equals the per academic year tuition plus the per semester tuition for the summer term at all CSUs.

2024-25 Graduate Business Professional Fee

GRADUATE BUSINESS PROFESSIONAL FEE

| Cost | Fees |
|-------|---------------------------|
| \$285 | Charge Per Unit- Semester |
| \$190 | Charge Per Unit- Quarter |

The graduate business professional fee is paid on a per unit basis in addition to basic tuition and campus fees for specific campus graduate business programs authorized to assess the fee. A list of academic programs authorized to assess the fee can be found on the CSU Tuition website (<https://www.calstate.edu/attend/paying-for-college/csu-costs/tuition-and-fees/Pages/basic-tuition-and-fees.aspx>).

- Master of Science (M.S.) programs in Accountancy
- Master of Science (M.S.) programs in Business Administration
- Master of Science (M.S.) programs in Business Analytics
- Master of Science (M.S.) programs in Business and Technology
- Master of Science (M.S.) programs in Entrepreneurship and Innovation
- Master of Science (M.S.) programs in Finance
- Master of Science (M.S.) programs in Health Care Management
- Master of Science (M.S.) programs in Health Services Administration
- Master of Science (M.S.) programs in Information Systems
- Master of Science (M.S.) programs in Information Technology
- Master of Science (M.S.) programs in Marketing
- Master of Science (M.S.) programs in Taxation

NONRESIDENT STUDENTS (U.S. AND FOREIGN)

Nonresident tuition (in addition to basic tuition and other systemwide fees charged all students) for all CSUs:

2024-25 Nonresident Students (U.S. and Foreign)

| Cost | Fees |
|-------|--------------------------------|
| \$420 | Charge Per Unit - Per Semester |
| \$280 | Charge Per Unit - Per Quarter |

The total nonresident tuition paid per term will be determined by the number of units taken.

Mandatory systemwide tuition is waived for those individuals who qualify for such exemption under the provisions of the California Education Code (see section on fee waivers).

Students are charged campus fees in addition to tuition and systemwide fees. Information on campus fees can be found by contacting the individual CSUs.

Credit Cards:

Visa, MasterCard, American Express and Discover credit cards may be used for payment of student tuition and fees but may be subject to a non-refundable credit card processing fee.

Fee Waivers and Exemptions

California Education Code provides for the waiver of mandatory systemwide tuition fees as summarized below:

Section 66025.3(a) – Dependent eligible to receive assistance under Article 2 of Chapter 4 of Division 4 of the Military and Veterans Code; child of any veteran of the United States military who has a service-connected disability, has been killed in service, or has died of a service-connected disability, and meets specified income provisions; dependent, or surviving spouse who has not remarried of any member of the California National Guard who, in the line of duty, and while in the active service of the state, was killed, died of a disability or permanently disabled as a result of an event that occurred while in the active service of the state, and any undergraduate student who is a recipient of a Medal of Honor, or an undergraduate student who is a child of a recipient of a Medal of Honor who is 27 years old or younger, who meets the income restriction and California residency requirement.

Section 66025.3(b) – Current or former foster youth who is 25 years of age or younger; has been in foster care for at least 12 consecutive months after reaching 10 years of age; meet any of the following:

- i. Is under a current foster care placement order by the juvenile court;
- ii. Was under a foster care placement order by the juvenile court upon reaching 18 years of age; or
- iii. Was adopted, or entered guardianship, from foster care; The current or former foster youth needs to complete and submit the Free Application for Federal Student Aid (FAFSA);
- v. Maintains a minimum grade point average and meets the conditions necessary to be in good standing at the university; and meet the financial need requirements established for Cal Grant A awards under Chapter 1.7 (commencing with Section 69430) of Part 42.

The waiver of mandatory systemwide tuition and fees under this section applies only to a person who is determined to be a resident of California pursuant to Chapter 1 (commencing with Section 68000) of Part 41 of the California Education Code.

Section 66602 – A qualifying student from the California State University (CSU) who is appointed by the Governor to serve as Trustee of the California State University (CSU) for the duration of the student member's term of office.

Section 68120 – Surviving spouse or child of a deceased California resident who was employed by a public agency, or was a contractor or an employee of a contractor, performing services for a public agency or was a firefighter employed by the federal government whose duty assignment involved the performance of firefighting services in this state. The deceased person's principal duties consisted of active law enforcement service or active fire suppression and prevention, and was killed in the performance of active law enforcement or active fire suppression and prevention duties (referred to as Alan Pattee Scholarships). Additionally, a person who qualifies for the waiver under this section as a surviving child of a contractor or of an employee of a contractor, who performed services for a public agency, must be enrolled as an undergraduate student at the California State University and meet the applicable income restriction requirement with supporting documentation (i.e. student's income, including the value of parent support, does not exceed the maximum household income and asset level for an applicant for a Cal Grant B award).

Section 68120.3 – Surviving spouse (until January 1, 2033) or surviving child (until attaining the age of 30) of a deceased California resident who was a licensed physician or nurse employed by or under contract with a health facility regulated and licensed by the State Department of Public Health to provide medical services, or a first responder employed to provide emergency services as described in Section 8562 of the Government Code. The deceased person's principal duties consisted of providing medical services or emergency services during the COVID-19 pandemic state of emergency (started March 4, 2020, until the Governor lifts the state of emergency), and the deceased person died of COVID-19 during the COVID-19 pandemic state of emergency. The person who qualifies for this waiver must enroll as an undergraduate student at a CSU, was a resident of California during the COVID-19 pandemic state of emergency, and the annual income (including the value of the parent's support) does not exceed the maximum household income and asset level for an applicant for a Cal Grant A award, as set forth in Section 69432.7

Section 68121 – A qualifying undergraduate student (until attaining the age of 30) enrolled in an undergraduate program who is the surviving dependent of any individual killed in the September 11, 2001 terrorist attacks on the World Trade Center in New York City, the Pentagon building in Washington, D.C., or the crash of United Airlines Flight 93

The California Education Code provides for the following nonresident tuition exemptions as summarized below:

Section 68075 – A student who is a member of the Armed Forces of the United States stationed in this state, except a member of the Armed Forces assigned for educational purposes to a state-supported institution of higher education, is entitled to resident classification only for the purpose of determining the amount of tuition and fees. If that member of the Armed Forces of the United States who is in attendance at an institution is thereafter transferred on military orders to a place outside this state where the member continues to serve in the Armed Forces of the United States, the member shall not lose the member's resident classification so long as the member remains continuously enrolled at that institution.

Section 68075.7 – A nonresident student is exempt from paying nonresident tuition or any other fee that is exclusively applicable to nonresident students if the student:

1. Resides in California;
2. Meets the definition of "covered individual" as defined in Section 3679(c) (2) of Title 38 of the United States Code; or
3. Is eligible for education benefits under the federal Montgomery GI Bill®-Active Duty program (Chapter 30 (commencing with Section 3001) of Title 38 of the United States Code), the Veterans Readiness and Employment program (Chapter 31 (commencing with Section 3100) of Title 38 of the United States Code), the Post-9/11 GI Bill® program (Chapter 33 (commencing with Section 3301) of Title 38 of the United States Code), or the Survivors' and Dependents' Educational Assistance program (Chapter 35 (commencing with Section 3500) of Title 38 of the United States Code), as each read on January 5, 2022. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at <https://www.benefits.va.gov/gibill> (<https://www.benefits.va.gov/gibill/>).

Section 68122 – A student who is a victim of trafficking, domestic violence, and other serious crimes who has been granted status under Section 1101(a)(15)(T)(i) or (ii), or Section 1101(a)(15)(U)(i) or (ii), of Title 8 of the United States Code shall be exempt from paying nonresident tuition to the same extent as individuals who are admitted to the United States as refugees under Section 1157 of Title 8 of the United States Code.

Section 68130.5 – A nonresident student, other than a person excluded from the term "immigrant" for purposes of the federal Immigration and Nationality Act (8 U.S.C. Sec. 1101), pursuant to paragraph (15) of subsection (a) of Section 1101 of Title 8 of the United States Code, shall be exempt from paying nonresident tuition if the student meets the requirements of (1) through (4), below.

1. Satisfaction of the requirements of either subparagraph (A) or subparagraph (B)
 - a. A total attendance of, or attainment of credits earned while in California equivalent to, three or more years of full-time attendance or attainment of credits at any of the following:
 - i. California high schools;
 - ii. California high schools established by the State Board of Education;
 - iii. California adult schools established by a county office of education, a unified school district or high school district, or the Department of Corrections and Rehabilitation (subject to the class hours' requirement);
 - iv. Campuses of the California Community Colleges (subject to the credit requirements); or
 - v. A combination of those schools set forth in clauses (i) to (iv), inclusive.
 - b. Three or more years of full-time high school coursework in California, and a total of three or more years of attendance in California elementary schools, California secondary schools, or a combination of both.

2. Satisfaction of any of the following:
 - a. Graduation from a California high school or attainment of the equivalent thereof;
 - b. Attainment of an associate degree from a campus of the California Community Colleges; or
 - c. Fulfillment of the minimum transfer requirements established for the California State University for students transferring from a campus of the California Community College.
3. Registration as an entering student at, or current enrollment at, an accredited institution of higher education in California not earlier than the fall semester or quarter of the 2001-02 academic year.
4. In the case of a person without lawful immigration status, the filing of an affidavit with the institution of higher education stating that the student has filed an application to legalize the students' immigration status or will file an application as soon as the student is eligible to do so.

| | |
|------|--|
| \$22 | Summer permit - Two-wheeled motorized vehicles - includes mopeds |
|------|--|

¹ Subject to change.

Other Fees

Mandatory Fees

| Cost | Fees |
|--------|--|
| varies | Course Material Fees (charged for certain courses in art, biology, chemistry, history, English, music, orthotics and prosthetics, and physical education. These courses are footnoted in the Class Schedule in their respective academic course listing) |
| \$15 | Diploma Fee |
| \$10 | Graduation Date Change Fee |
| \$90 | Graduation Fee |
| \$35 | Graduation Writing Examination |
| \$5 | Identification Card – new and returning students (non-refundable) |
| | Special Test Fees – a list of test fees is available in the Testing Office |

User Fees

| Cost | Fees |
|---------|---|
| \$4 | Certification of Enrollment and/or Degrees |
| \$50 | Credential Evaluation Fee |
| min \$4 | Duplicate Document or Printout |
| \$10 | Emergency Graduation Clearance Processing |
| \$10 | Emergency Transcript Processing (less than 10 working days) |
| \$50 | International Student Matriculation and Orientation |
| \$33 | Installment Payment Service Charge (non-refundable) |
| \$10 | Petition for Exception to University Policy |
| \$10 | Refund Processing Fee and Service Charge |
| \$5 | Revised Evaluation |

Transcript (within 10 Working Days)

| Cost | Fees |
|------|---|
| \$8 | Single Transcript |
| \$4 | Additional transcripts prepared at the same time up to ten (10) transcripts |
| \$1 | Additional transcripts prepared at the same time that exceed the first ten (10) transcripts |

Older Adult Fee Waiver

Students sixty years of age and older may be eligible for an Older Adult Fee Waiver. Here's how to apply:

1. Obtain a fee waiver form from the Office of Admissions. Applicant must present documentation which establishes their identity and their age, i.e., California Drivers License, California Identification Card, etc.
2. Students using the Older Adult Fee Waiver may register at/or after the first day of the term.
3. The Office Admissions will send the Older Adult Fee Waiver form to Student Financial Services in order for the fee waiver to be posted to the student account.
4. The number of Older Adult Fee Waivers is limited. Older Adult students not participating in the Older Adult fee waiver program will be required to pay fees by the posted due date.

Payment Methods

Fees may be paid online by electronic check or credit cards through MyCSUDH. There is a non-refundable 2.95% service fee charged by our third party processor TouchNet® PayPath™ for paying with a credit card. Debit cards are treated the same as credit cards and will incur the service fee. There is no fee charged for paying with electronic check. Fees may also be paid at Cashier's Office. The Cashier's Office accepts cash, checks and money orders.

Parking Fees

Application for refund of parking fees may be obtained at the Cashier's Office. The Parking Decal must accompany the request for refund. Lost, stolen, or destroyed permits will not be replaced for students, faculty, or staff. A new permit must be purchased at the current cost.

Parking Fees ¹

| Cost | Fees |
|-------|---|
| \$155 | Four wheeled motorized vehicles (per semester) |
| \$39 | Two-wheeled motorized vehicles - includes mopeds (per semester) |
| \$10 | Daily permit |
| \$122 | Summer permit (entire summer) |
| \$67 | Summer permit (per session) |

Penalty or Deposit Fees

| Cost | Fees |
|--------|--|
| \$25 | Checks returned for any cause - Per AB1643, ch. 1000, there is a \$25 charge on returned checks. Note: Students whose checks are returned by their bank are subject to disenrollment. Dishonored checks that are not paid may be sent to the L.A. District Attorney for prosecution. |
| \$20 | Late Payment Fee (per late payment) |
| varies | Library fines - a list of overdue fines is posted at the entrance to the library on the 2nd floor of the ERC Building |
| varies | Lost books and other Library items - replacement cost + posted service charge |
| \$25 | Late Registration (assessed the day instruction begins) (non-refundable) |
| \$10 | Petition for Missed Deadlines |

\$33 Tuition Fee Installment Plan

A Fee Installment Plan is available for fall and spring terms. See the Schedule of Classes for information.

Refund of Tuition and Mandatory Fees, Including Nonresident Tuition

Regulations governing the refund of tuition and mandatory fees, including nonresident tuition, for students enrolling at the California State University (CSU) are included in Section 41802 of Title 5, *California Code of Regulations*. For purposes of the refund policy, mandatory fees are defined as those systemwide and campus fees that are required to be paid in order to enroll in state-supported academic programs at the CSU. Refunds of fees and tuition charges for self-support, special session and Professional and Continuing Education (PaCE) programs or courses at the CSU are governed by a separate policy established by the university, available at <http://www.csudh.edu/ccpe/registration/policies> (<http://www.csudh.edu/ceie/registration/policies/index/>) (<https://www.csudh.edu/ccpe/registration/policies/>).

In order to receive a full refund of tuition and mandatory fees, including nonresident tuition, less an administrative charge established by the university, a student must cancel registration or drop all courses prior to the first day of instruction for the term. Information on procedures and deadlines for canceling registration and dropping classes is available in the Schedule of Classes.

For state-supported semesters, quarters, and non-standard terms or courses of four weeks or more, a student who withdraws during the term in accordance with the university's established procedures or drops all courses prior to the university-designated drop period will receive a refund of tuition and mandatory fees, including nonresident tuition, based on the portion of the term during which the student was enrolled. No student withdrawing after the 60 percent point in the term will be entitled to a refund of any mandatory fees or nonresident tuition.

A student who, within the university designated drop period and in accordance with university procedures, drops units resulting in a lower

tuition and/or mandatory fee obligation shall be entitled to a refund of applicable tuition and mandatory fees less an administrative charge established by the university.

For state-supported non-standard terms or courses of less than four weeks, no refunds of tuition and mandatory fees, including nonresident tuition, will be made unless a student cancels registration or drops all classes, in accordance with the university's established procedures and deadlines, prior to the first day of instruction for state-supported non-standard terms or courses or prior to the first meeting for courses of less than four weeks.

Students will also receive a refund of tuition and mandatory fees, including nonresident tuition, under the following circumstances:

- The tuition and fees were assessed or collected in error;
- The course for which the tuition and fees were assessed or collected was canceled by the university;
- The university makes a delayed decision that the student was not eligible to enroll in the term for which tuition and mandatory fees were assessed and collected and the delayed decision was not due to incomplete or inaccurate information provided by the student; or
- The student was activated for compulsory military service.

Students who are not entitled to a refund as described above may petition the university for a refund demonstrating exceptional circumstances and the chief financial officer of the university or designee may authorize a refund if they determine that the fees and tuition were not earned by the university.

Information concerning any aspect of the refund of fees may be obtained from Student Financial Services at (310) 243-3780 or at sfs@csudh.edu.

Fees and Debts Owed to the Institution

Should a student or former student fail to pay a fee or a debt owed to the institution, including tuition and student charges, the institution may "withhold permission to register, to use facilities for which a fee is authorized to be charged, to receive services, materials, food or merchandise or any combination of the above from any person owing a debt" until the debt is paid (see Title 5, California Code of Regulations, Sections 42380 and 42381).

Prospective students who register for courses offered by the university are obligated for the payment of charges and fees associated with registration for those courses. Failure to cancel registration in any course for an academic term prior to the first day of the academic term gives rise to an obligation to pay student charges and fees including any tuition for the reservation of space in the course.

The institution may withhold permission to register or other services offered by the institution from anyone owing fees or another debt to the institution. The institution may also report the debt to a credit bureau, offset the amount due against any future state tax refunds due the student, refer the debt to an outside collection agency and/or charge the student actual and reasonable collection costs, including reasonable attorney fees if litigation is necessary, in collecting any amount not paid when due.

The institution may not withhold an official transcript of grades by the institution from anyone owing fees or another debt to the institution (see Title 1.6C7 (commencing with section 1788.90) Part 4 of Division 3 of the Civil Code). The institution can still charge a fee for the issuance of the transcript pursuant to their published transcript processing fees.

If a person believes they do not owe all or part of an asserted unpaid obligation, that person may contact Student Financial Services at sfs@csudh.edu or by phone at (310) 243-3780. Student Financial Services, or another office on campus to which Student Financial Services may refer the person, will review all pertinent information provided by the person and available to the campus and will advise the person of its conclusions.

Cancellation of Registration or Withdrawal from the Institution

Students who find it necessary to cancel their registration or to withdraw from all classes after enrolling for any academic term **are required** to follow the university's official withdrawal procedures. Failure to follow formal University procedures may result in an obligation to pay fees as well as the assignment of failing grades in all courses and the need to apply for readmission before being permitted to enroll in another academic term. Information on canceling registration and withdrawal procedures is available from the University Registrar's Office

1000 E. Victoria St.
Carson, CA 90747
(310) 243-3648.

Students who receive financial aid funds **must consult** with the Financial Aid office prior to withdrawing from the university regarding any required return or repayment of grant or loan assistance received for that academic term or payment period. Students who have received financial aid and withdraw from the institution during the academic term or payment period may need to return or repay some or all of the funds received, which may result in a debt owed to the institution.

Average Support Cost per Full-Time Equivalent Student and Sources of Funds

The total support cost per full-time equivalent student (FTES) includes the expenditures for current operations, including payments made to students in the form of financial aid, and all fully reimbursed programs contained in state appropriations. The average support cost is determined by dividing the total cost by the number of FTES. The average support cost is determined by dividing the total cost by the number of FTES. The total CSU 2023-24 budget amounts were \$4,988,674,000 from state General Fund (GF) appropriations, \$2,459,737,000, from gross tuition revenue, and \$707,090,000 from other fee revenues for a total of \$8,155,501,000. The 2023-24 resident FTES target is 387,114 and the nonresident FTES based on past-year actual is 20,907 for a total of 408,021 FTES. The GF appropriation is applicable to resident students only whereas fee revenues are collected from resident and nonresident students. FTES is derived by dividing the total student credit units attempted by a fixed amount depending on academic level (e.g., 30 for a semester university and 45 for a quarter university, the figures that define a full-time undergraduate or postbaccalaureate student's academic load).

2022-23

| Fee | Amount | Average Cost per FTES | Percentage |
|---------------------------------------|-----------------|-----------------------|------------|
| State Appropriation (GF) ¹ | \$4,988,674,000 | 12,887 | 61.2% |
| Gross Tuition Revenue ² | \$2,459,737,000 | 6,028 | 30.1% |

| | | | |
|---------------------------------|------------------------|---------------------|-------------|
| Other Fees Revenue ² | \$707,090,00 | 1,733 | 8.7% |
| Total Support Cost | \$8,155,501,000 | 19,69020,648 | 100% |

¹ Represents state GF appropriation in the Budget Act of 2023-24; GF is divisible by resident students only (387,114 FTES).

² Represents CSU Operating Fund, gross tuition and other fees revenue amounts submitted in university September 2023-24 final budgets. Revenues are divisible by resident and nonresident students (408,021 FTES).

The 2023-24 average support cost per FTES based on GF appropriation and tuition fee revenue only is \$18,915 and is \$20,648, which includes all fee revenue (e.g., tuition fees, application fees, and campus mandatory fees) in the CSU Operating Fund. Of this amount, the average tuition and other fee revenue per FTES is \$7,761.

The average CSU 2023-24 academic year, resident, undergraduate student basic tuition and other mandatory fees required to apply to, enroll in, or attend the university is \$7,622 (\$5,742 tuition fee plus \$1,880 average campus-based fees). However, the costs paid by individual students will vary depending on the university, program, and whether a student is part-time, full-time, resident, or nonresident.

Procedure for the Establishment or Abolishment of Campus-Based Mandatory Fees

The law governing the California State University provides that specific campus fees defined as mandatory, such as a *student body association fee* and a *student body center fee*, may be established. A *student body association fee* must be established upon a favorable vote of two-thirds of the students voting in an election held for this purpose (Education Code, Section 89300). The university president may adjust the *student body association fee* only after the fee adjustment has been approved by a majority of students voting in a referendum established for that purpose. The required fee shall be subject to referendum at any time upon the presentation of a petition to the university president containing the signatures of 10 percent of the regularly enrolled students at the university. *Student body association fees* support a variety of cultural and recreational programs, childcare centers, and special student support programs. A *student body center fee* must be established upon a favorable vote of two-thirds of the students voting in an election held for this purpose (Education Code, Section 89304). Once bonds are issued, authority to set and adjust *student body center fees* is governed by provisions of the State University Revenue Bond Act of 1947, including, but not limited to, Education Code sections 90012, 90027, and 90068. A *student success fee* may be established or adjusted only after the university undertakes a rigorous consultation process and a fee referendum is held with a simple majority vote of the students only after six years have elapsed following the vote to implement the fee.

The process to establish and adjust other campus-based mandatory fees requires consideration by the campus fee advisory committee and a consultation or student referendum process as established by California State University Student Tuition and Fee Policy, (<https://calstate.policystat.com/policy/14548905/latest/>) Sections III & IV (or any successor policy). The university president may use consultation mechanisms if they determine that a referendum is not the best mechanism to achieve appropriate and meaningful consultation, and

referendum is not required by the Education Code or Student Success Fee policy. Results of the referendum and the fee committee review are advisory to the university president. The president may adjust campus-based mandatory fees but must request the chancellor to establish a new mandatory fee. The president shall provide to the campus fee advisory committee a report of all campus-based mandatory fees. The university shall report annually to the chancellor a complete inventory of all campus-based mandatory fees.

For more information or questions, please contact the System Budget Office in the CSU Chancellor's Office at csubudgetoffice@calstate.edu (csubudgetoffice@calstate.edu) or (562) 951-4560.

Financial Aid

The Financial Aid Office administers all financial aid programs available at CSU Dominguez Hills. Funds are provided to the University by federal and state governments and by private parties. Financial aid comes in three forms: gift aid (scholarships and grants), loans, and student employment. We offer a wide range of information on our website to assist students. Please visit <http://www.csudh.edu/financial-aid/>.

To apply for financial aid, all students are required to file a Free Application for Federal Student Aid (FAFSA) or California Dream Act Application (AB540 classification) by the priority filing deadline of March 2. Submit the FAFSA online at www.fafsa.gov (<http://www.fafsa.gov>); the California Dream Act Application online at dream.csac.ca.gov (<http://dream.csac.ca.gov>). Students that submit their FAFSA or California Dream Act Application after the March 2 deadline will only be considered for any remaining funds.

Eligibility

To be eligible for financial aid, a student must be formally admitted to the University for the purpose of obtaining a degree, certificate or educational credential. Students who are admitted as Unclassified-Post-Baccalaureate are not eligible for financial aid. Students interested in borrowing a student loan must be enrolled at least half-time (6 units undergraduate/credential or 4 units 500-level courses for master's students).

A student must be a U.S. citizen or be in the United States for other than a temporary purpose (e.g. permanent resident or permanent immigrant). Students possessing an "F" or "J" visa or I-688A, I-688B or I-797 visa are not eligible for federal aid. A student's eligibility may also be affected by additional factors. For specific information, visit the Financial Aid Office website at <http://www.csudh.edu/financial-aid/> or call the Financial Aid Office.

Availability of Institutional and Financial Assistance Information

The following information concerning student financial assistance may be obtained from the Financial Aid Office 1000 E. Victoria St. Carson, CA 90747, (310) 243-3691 or <http://www.csudh.edu/financial-aid/> (<http://www.csudh.edu/financial-aid/>):

- A description of the federal, state, institutional, local, and private student financial assistance programs available to students who enroll at **CSU Dominguez Hills**;
- For each aid program, a description of procedures and forms by which students apply for assistance, student eligibility requirements,

criteria for selecting recipients from the group of eligible applicants, and criteria for determining the amount of a student's award;

- A description of the rights and responsibilities of students receiving financial assistance, including federal Title IV student assistance programs, and criteria for continued student eligibility under each program;
- Provide information to students about the institution's satisfactory academic progress standards that students must maintain for the purpose of receiving financial assistance and criteria by which a student who has failed to maintain satisfactory progress may reestablish eligibility for financial assistance (appeals process);
- The method by which financial assistance disbursements will be made to students and the frequency of those disbursements;
- The way the school provides for Pell-eligible students to obtain or purchase required books and supplies by the seventh day of a payment period and how the student may opt out;
- The terms of any loan received as part of the student's financial aid package, a sample loan repayment schedule, and the necessity for repaying loans;
- The general conditions and terms applicable to any employment provided as part of the student's financial aid package;
- The terms and conditions of the loans students receive under the Direct Loan Program;
- The exit counseling information the school provides and collects for student borrowers; and
- Contact information for university offices available for disputes concerning federal, institutional and private loans.

Information concerning the refund policies of CSUDH for the return of unearned tuition and fees or other refundable portions of institutional charges is available from the Information Center, 1000 E. Victoria St., WH D-245, Carson, CA 90747, (310) 243-3696.

Information concerning policies regarding the return of federal Title IV student assistance funds as required by regulation is available from the Financial Aid Office, 1000 E. Victoria St., Carson, CA 90747, (310) 243-3691.

Information regarding special facilities and services available to students with disabilities may be obtained from Student disAbility Resource Center, 1000 E. Victoria St., WH A-410, Carson, CA 90747, (310) 243-3784.

Information concerning CSUDH policies, procedures, and facilities for students and others to report criminal actions or other emergencies occurring on campus may be obtained from University Police, 1000 E. Victoria St., WH B-100, Carson, CA 90747, (310) 243-3639.

Information concerning CSUDH annual university security report and annual fire safety report may be obtained from University Police, 1000 E. Victoria St., WH B-100, Carson, CA 90747, (310) 243-3639 or www.csudh.edu/dhpd/ (<https://www.csudh.edu/dhpd/>).

Information concerning the prevention of drug and alcohol abuse and rehabilitation programs may be obtained from Student Health and Psychological Services, 1000 E. Victoria St., SHC A-141, Carson, CA 90747, (310) 243-3818.

Information regarding student retention and graduation rates at CSUDH and, if available, the number and percentage of students completing the program in which the student is enrolled or has expressed interest may

be obtained from University Registrar, Office of Records and Registration, 1000 E. Victoria St., WH C-290, Carson, CA 90747, (310) 243-3645.

Information concerning athletic opportunities available to male and female students and the financial resources and personnel that CSUDH dedicates to its men's and women's team may be obtained from Director of Athletics, 1000 E. Victoria St., SAC 3, Carson, CA 90747, (310) 243-3893.

Information concerning student body diversity at CSU Dominguez Hills, including the percentage of enrolled, full-time students who are (1) male, (2) female, (3) Pell Grant recipients, and (4) self-identified members of a specific racial or ethnic group, must be obtained from the Office of University Effectiveness, Planning, & Analytics and Assessment at 1000 E. Victoria St., Welch Hall 363, Carson, CA 90747, (310) 243-3532.

Information concerning teacher preparation programs at CSU Dominguez Hills, including the pass rate on teacher certification examinations, may be obtained from the Teacher Preparation Program Report.

Information concerning grievance procedures for students who feel aggrieved in their relationships with the university, its policies, practices and procedures, or its faculty and staff may be obtained from the Office of Human Resource Management, 1000 E. Victoria St., WH 340, Carson, CA 90747, (310) 243-3771.

Information concerning student activities that CSUDH provides, must be easily accessible on csudh.edu (<https://www.csudh.edu/>).

The federal Military Selective Service Act (the "Act") requires most males residing in the United States to present themselves for registration with the Selective Service System within 30 days of their eighteenth birthday. Most males between the ages of 18 and 25 must be registered.

Selective Service registration forms are available at any U.S. Post Office, and many high schools have a staff member or teacher appointed as a Selective Service Registrar. For more information on the Selective Service System and to initiate the registration process, visit the official Selective Service System website at www.sss.gov (<https://www.sss.gov/>).

Enrollment in Summer Session Courses

Financial assistance is available to regularly admitted students for attending summer session. Some forms of summer financial aid is based on remaining eligibility from the current school year. Eligible Federal Pell Grant recipients may receive any remaining funds from the current school year. Students interested in being considered for summer aid are asked to submit a Summer Request Form. The form is usually available on our website mid-March.

Consumer Information

Pursuant to federal regulations, institutions of higher learning are required to inform prospective and continuing students, staff, and faculty regarding information about the Annual Security Report, crime statistics, graduation rates, Family Educational Rights and Privacy Act of 1974 (FERPA), athletic participation rates/financial support (Equity in Athletics Disclosure Act), Drug and Alcohol Policy, and other campus policies. This information is accessible at the following website: www.csudh.edu/consumerinfo (<http://www.csudh.edu/consumerinfo/>).

The website includes links to the following: Annual Security Report, Jeanne Clery Crime Statistics, Copyright Policy, Drug and Alcohol Policy, Equity in Athletics Disclosure Act (EADA), Family Educational Rights and Privacy Act (FERPA), Federal Compliance Disclosures and Reports,

Important Housing Policies and Disclosures, Graduation Rates, Campus Life Policies and Important Campus Policies.

California Dream Act

The California Dream Act of 2011 allows students who meet AB 540 criteria to apply for and receive certain state and institutional financial assistance programs.

What are the AB 540 Requirements?

- Attainment of three years' worth of high school credits. The student must have attended a high school (public or private) in California for three or more years, must have graduated from a California high school or attained the equivalent prior to the start of the term (for example: passed the GED or California High School Proficiency exam).
- A student who is without lawful immigration status must file an AB 540 Affidavit (California Non-Resident Tuition Exemption Request form) with the college or university stating that he or she has filed an application to legalize his or her immigration status, or will file an application as soon as he or she is eligible to do so. Complete and submit the affidavit to the Admissions & Records Office located in Welch Hall Room C-290.

What Assistance is Available for AB 540 Students?

AB 130 Scholarships

AB 130 allows students who qualify under AB 540 to apply for non-state funded scholarships. This law took effect on January 1, 2012. For more information on scholarships available to students visit the CSUDH scholarship page.

AB 131 Grants

AB 131 allows students who qualify under the AB 540 to apply for and receive state-funded financial aid such as institutional grants, community college fee waivers, Cal Grant and Chafee Grant. This law takes effect on January 1, 2013.

Students may be selected for institutional verification of their application data. This will require the student to submit verification documents, such as information on household size, number in college, income verification, selective service verification for males, etc.

AB 2000 and Dream Act Application

Beginning January 1, 2015 AB 2000 amends the school attendance requirement of AB 540 and designates that if a student has not attended a California High School for at least three years, that portion of the eligibility criteria may be replaced by the following:

- Attainment of three years' worth of high school credits from a California High School (equivalent to 3 or more years of full-time high school coursework), and
- A total of 3 or more years of attendance in California elementary or secondary schools, or a combination of those schools (the years do not have to be sequential).

The California Dream Act Application is for:

- Undocumented students who meet AB 540/AB 2000 criteria,
- U visa holders, and
- AB 540 eligible students who hold a Social Security Card obtained through Deferred Action for Childhood Arrivals (DACA); DACA holders are not eligible noncitizens. AB 540 undocumented students should

fill out only one application, the California Dream Act Application and not the Free Application for Federal Student Aid (FAFSA).

How to Apply

- The complete a new online Dream Act Application visit: <https://dream.csac.ca.gov/application/NewUserAccess.aspx>
- If you are a returning student visit <https://dream.csac.ca.gov/security/ApplicantLogin.aspx> to renew your Dream Act Application.
- Students who wish to apply for the Cal Grant programs in addition to State University Grant and Educational Opportunity Program Grants should apply between during the priority application filing period. Visit www.csac.ca.gov (<http://www.csac.ca.gov>) for the current application deadline date.

Scholarships

Through the generous donations of sponsors and friends of the University, CSUDH offers scholarships to assist academically qualified students. Unless otherwise noted, the applications are available via the online CSUDH Scholarships Portal, managed by the Financial Aid Office.

We are pleased to offer on-line scholarship searches where students can navigate their way through an array of different scholarship search sites. Students can access scholarships by visiting www.csudh.edu/scholarships (<http://www.csudh.edu/scholarships/>). Listings for outside scholarships are received throughout the year.

University Scholarships

Bill Rosendahl Courage Scholarship. Award amount varies. Open to all majors. LGBTQ encouraged to apply. Applicants should demonstrate an interest in public service.

Breakthrough Scholarship \$10,000 award. Established to provide support to students who are enrolled in a degree program at CSUDH. Applicants must demonstrate financial need and have attended one of the following high schools in California: San Juan Hills High School, Dana Hills High School, Capistrano Valley High School.

Carico Macdonald Kil & Benz LLP Scholarship. \$7,000. Designated for a sophomore student who attended high school in the greater South Bay area of Los Angeles. Applicants must be currently enrolled and have a minimum 3.0 GPA. A letter of recommendation is required.

Catalina Island Scholarship. \$500. Awarded to current CSUDH students. Must be a current Catalina Island Resident or attended high school in Catalina Island.

California State University Dominguez Hills Alumni Scholarship. Award amount varies. Awarded to a full-time undergraduate and graduate student. Must be enrolled full-time during the spring semester to apply for the scholarship. Must be enrolled full-time fall semester to receive the scholarship. Must have earned at least 12 undergraduate units or 8 graduate units. Minimum of 3.0 GPA.

Crankstart Scholarship for Community College Transfer Students. Ten \$2,500 scholarships awarded. Can be pro-rated for part-time students. The Crankstart Scholarship for Community College Transfer Students is designated for students who have transferred from a California Community College within the last four years. Applicants must have demonstrated financial need, and show academic promise and a commitment to obtaining their degree.

CSUDH Faculty and Staff Scholarships. Scholarship amount varies. Applicants must be currently attending CSUDH as a full-time,

undergraduate or graduate student in Fall and have a minimum 3.0 GPA. Applicants must demonstrate school and community involvement.

CSU Future Scholars. Thirty \$1,000 scholarships awarded to entering freshmen or transfer students from an economically, educationally, and/or environmentally disadvantaged background. Must be a full-time student during award year. Scholarships may be renewable.

Dr. Lois W. Chi - Emeritus Faculty Association Science Scholarship. \$1,000-\$2,00 award. Designated for currently enrolled CSUDH undergraduate or graduate students pursuing a degree in biology, chemistry, or a closely related field in the biomedical sciences. Preference is given to full-time undergraduate students majoring in a natural science. Applicants must have a minimum 3.0 GPA and demonstrated financial need. Applicants must submit two (2) letters of recommendation and write a thoughtful essay detailing their future career/college goals.**Edison International STEM Scholarships.** \$5,000 award. Students majoring in the STEM (Science, Engineering, Technology, Math) fields who currently live or attended high school in the Southern California Edison service area, have Junior or Senior standing, and a minimum of 2.8 GPA. Must complete a separate application. Deadline: January.

Edison International STEM Scholarships. Twenty-four \$2,000 awards. Students majoring in the STEM (Science, Engineering, Technology, Math) fields who currently live or attended high school in the Southern California Edison service area, have Junior or Senior standing, and a minimum of 2.8 GPA.

Herman O'Melia Scholarship. Award amount varies. Designated for an undergraduate in any academic discipline. Must have a 3.0 CSUDH GPA, be a U.S. Citizen, a resident of Los Angeles County and demonstrate financial need.

Honors Scholarships. \$2,500-\$3,000 scholarships will be awarded to high achieving high school graduates and community college transfer students. Students who reside on campus may be considered for an additional award of \$500. High school graduates must have a minimum 3.4 GPA and a 1000 SAT I or 25 ACT score. Community college transfers must have a minimum 3.2 GPA and must meet all of the general education requirements. The scholarships are renewed annually for up to three years for entering freshman and renewable for one additional year for community college transfers. Students must complete 12 units each semester and maintain a 3.0 GPA.

James and Jocelyn Lyons Scholarship. Award amount varies. Must be entering CSUDH as a first-time freshman. Minimum of 3.0 GPA. Must demonstrate enthusiasm for a university education.

Julieta & Juan Dominguez Memorial Scholarship. Award amount varies. Designated for undergraduate students pursuing a major or minor in Spanish and/or Chicano/a studies. Applicants must have a minimum 2.0 GPA, demonstrated financial need, and strong community, church or school involvement.

Katherine Bogdanovich Loker Scholarship. One \$4,000 scholarship renewable annually for up to four years to an entering first-time freshman. Must have a minimum high school grade point average of 3.0, which must be maintained throughout the duration of the scholarship. Must be a resident of Carson, Palos Verdes, San Pedro, Torrance, or Wilmington, CA. Must become a full-time student at CSUDH while pursuing a bachelor's degree.

Leo F. & Margaret B. Cain Emeritus Faculty Association Scholarship. \$2,000 award. Awarded to an outstanding CSUDH graduate or

undergraduate student currently enrolled at CSUDH pursuing a degree in a public service field. Preference is given to full-time graduate students. Applicants must demonstrate excellent academic performance (GPA of 3.5 or greater is recommended) and career commitments to teaching or academic research, educational administration, or other types of public service. Applicants must submit two (2) letters of recommendation and write a thoughtful essay detailing their future career/college goals.

Lonnie Gene Sims Memorial Scholarship. \$2,000 award. Designated for an Undergraduate or Graduate student majoring in Quality Assurance, Mathematics, Chemistry, Biology, Physics or another STEM major with a 3.0 GPA in good standing with the University and live in the city of Compton or a graduate of Compton High School.

Lucia and Leopoldo García Scholarship. Award amount varies. Awarded to an entering freshman from an area high school with a 3.0 GPA or better. Must complete a separate university scholarship application and submit a one-page essay describing their enthusiasm for a college education.

Male Success Alliance Scholarship (MSA). Award amount varies. Awarded to active MSA students with demonstrated financial need who are involved in their community.

Osher Scholarship Program for California Community College Transfer Students. Ten awards at \$2,500 each. Awarded to students who transfer from a California Community College for the upcoming fall semester. The recipient must show academic promise and commitment to complete a bachelor's degree and demonstrated financial need. Students must complete a separate application and submit a résumé that highlights awards and honors, school related activities, community related activities, work experience and other notable achievements.

Presidential Scholarships. CSUDH's most prestigious scholarship covering full fees four years for newly admitted freshman and two years for transfer students for the upcoming fall semester. High school graduates must have a minimum 3.5 GPA and a 1000 SAT I or 25 ACT score. Community college transfer students must have a minimum 3.4 GPA and 44 transferable units. All recipients must complete 12 units each semester and maintain their cumulative GPA according to scholarship requirements. This award is renewable for up to an additional three years for entering freshman and renewable for one additional year for community college transfers.

René Romero Memorial Scholarship. Award amount varies. René Romero was a student at CSU Dominguez Hills, majoring in digital media arts and audio recording. He was a de-voted campus leader. Applicants must be an undergraduate majoring in Audio Recording with a 2.8 CSUDH GPA or higher.

TELACU Scholarship. Annual scholarships awarded of \$1,000. Two types of scholarships are available: continuing scholarships and one year scholarships. To be eligible applicants must permanently reside in unincorporated East Los Angeles, Bell Gardens, Commerce, Huntington Park, Montebello, Monterey Park, South Gate or City of Los Angeles. Applicants must be a first-generation college student, be from a low-income family, a U.S. citizen or permanent resident, and have a minimum 2.5 GPA. Applicants must also demonstrate outstanding academic potential; genuine commitment to the community; and a need for financial and academic support in order to successfully complete a postsecondary program.

Vic and Curly Scholarship. Award amount varies. One scholarship awarded to an academically qualified, first-time freshman who demonstrates financial need.

Yvonne Brathwaite Burke Scholarship. Award amount varies. Awarded to a full-time CSUDH student majoring in Public Administration, Criminal Justice Administration, Labor Studies, Economics or Political Science. Must have a minimum 3.0 GPA and be a resident of the County of Los Angeles. Applicants should demonstrate community involvement related to improving opportunities for children, encouraging economic development, or improving transportation in Los Angeles.

Departmental Scholarships

College of Arts and Humanities Africana Studies

Dr. William Little Memorial Scholarship. \$1,000 award. Created in memory of Dr. Little, Professor of Africana Studies at CSUDH. Applicants must be an undergraduate or graduate student who is currently enrolled in or have taken a minimum of 6 units in the Department of Africana Studies at CSUDH. Students must have minimum 3.0 GPA in Africana Studies with demonstrated financial need.

Art

Cordella Davis-Ramond Scholarship. \$1,000 award. Applicants must be enrolled in the Studio Art option with a minimum 3.0 GPA to be eligible for this scholarship. As part of the application, students must write an essay stating how their art contributes to positive change and upload a link to their art portfolio with five digital images of paintings and/or drawings created in the last two years, with at least two out of five created at CSUDH.

Ritz International Scholarship. \$500 award. Applicants must be an undergraduate student majoring in Art, with concentration in Art History, Design, or Studio Art with a minimum 3.0 GPA.

Winston Russell Hewitt Memorial Endowed Scholarship in Art. \$2,500 award. The scholarship is only open to Junior and Senior students studying Art who have a strong background in painting applications. Students must submit an artistic portfolio as part of the application process. Paintings can include illustration, drawings and paintings in any medium (including digital illustration) and can be applied to either two-dimensional or three-dimensional works of art.

Communications

Donn E. Silvis Memorial Scholarship. \$750 award. Founded by the family of Dr. Silvis, Professor of Communications at California State University, Dominguez Hills. Applicants must be an Advertising and Public Relations major and submit a letter of recommendation from a Communications faculty member.

Gil & Shirley Smith Scholarship. \$1,000 award. Awarded to deserving undergraduate students pursuing one of the majors in the communications department. Applicants must have a minimum 3.0 GPA and demonstrated financial need.

Hope Scholarship. Three \$1,000 awards. Designated for a currently enrolled full-time or part-time undergraduate student pursuing one of the majors in the communications department. Applicants must have minimum 2.0 GPA and demonstrated financial need.

Leslie Akemi Nakai Memorial Scholarship. Five \$1,000 awards. Established in memory of Leslie Akemi Nakai, a student at California

State University, Dominguez Hills. Applicants must be a current CSUDH Communications major with minimum 2.5 GPA.

Honeywater Scholarship. \$1,000 award. Designated to support students studying Film, TV & Media. Applicants must be a currently enrolled full-time undergraduate student with a minimum 3.0 GPA.

History

Jack Kilfoil Memorial Scholarship. Award amount varies. All students currently enrolled as history majors at CSUDH are eligible to apply, including graduating seniors or community college and high school students who certify that they intend to declare themselves as history majors upon entering CSUDH. Students who have received a Kilfoil Scholarship previously are ineligible.

Pamela D. Emerson Environmental and Social Justice Scholarship. Award amount varies. Applicants must be a History major or minor in good standing with minimum 2.0 GPA. Applicants must submit an essay analyzing environmental/social justice issues in any historical context.

Interdisciplinary Studies

Camille Gibbs Memorial Scholarship. \$1,000 award. Established in memory of Camille Gibbs, a mid-life student on the verge of accomplishing her life-long dream of a college degree. This scholarship was created to help future IDS/PACE students returning as adults to college. Applicants must be enrolled in Interdisciplinary Studies (IDS)/PACE as an undergraduate major and have demonstrated financial need.

David Heifetz Memorial Scholarship. \$1,000 award. Established in memory of Professor David Heifetz, chair of IDS/PACE at CSUDH for many years. This scholarship was created to provide financial assistance to a deserving IDS/PACE or Labor Studies student. Applicants must be enrolled in Interdisciplinary Studies (IDS)/PACE or Labor Studies as an undergraduate major and have demonstrated financial need.

Negotiation, Conflict Resolution and Peace Building

Deborah Thomas Memorial Fund. Award amount varies. This fund supports students seeking to pursue careers in Dispute Resolution and Peace-building. It supports scholarship and education in the field of Negotiation, Conflict Resolution, and Peace-building (NCRP). Applicants must be enrolled in 12 Units or more within the NCRP Program and have a minimum 3.0 GPA.

Theatre Arts and Dance

Brenda Arrieta Killian Scholarship. \$500 award. Established in memory of alumnus Brenda Arrieta Killian. Although she was unfocused as an 18-year old entering college, she came into her own when she got involved in theatre. Applicants must be a current full-time student who will be enrolled full-time (Fall and Spring) in the Theatre Major: with sophomore, junior, or senior standing in the upcoming school year.

Carol Tubbs Endowed Scholarship. \$500 award. Designated for a student with a declared major in Theatre Arts with a Dance Option. Successful applicants must have taken an active role in Dance Program Activities and have been recognized by the faculty as a versatile performer or scholar who can perform in many styles of dance and in varied performance venues.

Charlotte Gibson Scholarship. \$500 award. Established for students who are an exceptional student in Theatre Arts. The scholarship is for all-around theatrical and academic excellence. Recipients should be junior majors entering into their senior year.

Peter Rodney Scholarship. \$500 award. Reflecting Dr. Peter Rodney's belief that theatre developed the "whole person," this scholarship is

presented to the student(s) who combines academic excellence and production expertise with a positive outlook that adds to the culture of the department. Applicants must be a Theatre Arts major entering into their sophomore, junior or senior year and have demonstrated a commitment to all aspects of Theatre including performance and production.

Stew Christie Memorial Scholarship. \$500 award. This scholarship is granted to a student who has shown excellence in technical skills, either as a stage manager, lighting or sound operator, costumer, or set construction. Applicants must have declared a major in Theatre Arts and are pursuing training in technical theatre with a minimum 3.2 GPA.

College of Business Administration and Public Policy

Vicente Sarmiento Memorial Scholarship. \$1,000 award. This scholarship is for currently enrolled undergraduate students with a declared major in Criminal Justice Administration. Applicants must have a 2.7 GPA or higher with demonstrated financial need. The successful applicant should demonstrate commitment to reforming the criminal justice system and/or an interest in improving the conditions of confinement of the incarcerated.

Abraam Krushkhov Memorial Scholarship. \$500 award. Given in memory of Abraam Krushkhov, a former faculty member in Public Administration. This scholarship is for undergraduate or graduate students with a declared major in Public Administration. The applicant must possess an interest and have completed studies in urban and/or municipal issues

CBAPP Advisory Board Scholarship. Up to \$1,000 award. This scholarship is for a currently enrolled student with a declared major in the College of Business Administration and Public Policy. The student must be a senior in the award year with a 3.0 GPA or better in courses completed at CSUDH and be enrolled in at least 12 units during the semester for which student applies for the scholarship.

Bill Rogers Scholarship. \$500 award. Designated for a currently enrolled student with a declared major in the College of Business Administration and Public Policy in good academic standing. The student must live in one of the following zip codes: 90001, 90002, 90003, 90059, 90061, 90220, 90221, or 90222.

Chiou-Hsiung Bear Chang Scholarship. Award amount varies. Given in memory of Chiou-Hsiung "Bear" Chang, professor of accounting from 1983-2008, this scholarship is for students with a declared major in the College of Business Administration and Public Policy. Applicant must be a currently enrolled student in good academic standing.

Donald Jones Memorial Scholarship. \$1,000 award. This scholarship is for students with a declared major in Criminal Justice Administration. Applicants must be a U.S. citizen, with a strong desire to pursue a professional career in a law enforcement field. The recipient must have a minimum 2.0 GPA overall, with minimum 2.3 GPA in Criminal Justice Administration coursework. The award should be used to pay for tuition, books, and/or student housing.

Gil & Shirley Scholarship. \$1,000 award. Designated for a continuing undergraduate student within the College of Business Administration and Public Policy with at least one semester of coursework remaining. The student must have a minimum 3.0 GPA, either major or overall, and have demonstrated financial need.

Jerry Groomes Endowed Scholarship in Public Administration. \$1,000 award. This scholarship is for an undergraduate or graduate student with a declared major in Public Administration. Must be a CSUDH graduate or

undergraduate student majoring in Public Administration. The student must be currently enrolled during the semester for which the student applies for the scholarship, and have a minimum 3.0 GPA, either major or overall.

Leonard Moite Endowed Scholarship. \$500 award. This scholarship was founded by the friends, family, students, and colleagues in honor of the life and work of Dr. Leonard Moite, a distinguished and beloved professor of Economics for over 20 years. This scholarship is for an undergraduate student with junior or senior standing who has a declared concentration in Finance. Applicants must have a minimum 3.0 GPA, either major or overall, and plan on continuing their education to obtain a master's, doctoral or professional degree.

Roger W. Berry Ph.D Endowed Scholarship. Award amount varies. Established in memory of emeritus professor of marketing, Roger W. Berry, Ph.D., this scholarship is for students enrolled in any major within the College of Business Administration and Public Policy. Applicants must have a minimum 3.0 GPA and be a full-time student within any of the CBAPP programs at CSUDH.

Senator Joseph M. Kennick Scholarship. \$500 award. The Senator Joseph M. Kennick Scholarship was created to provide financial assistance to a deserving student majoring in criminal justice. This scholarship is for students with a declared major in Criminal Justice Administration. Applicants must be in good academic standing.

Thomas Burrows Scholarship. Award amount varies. Established in memory of Thomas Burrows, this scholarship is for students with a declared major in the College of Business Administration and Public Policy, with preference given to students with a concentration in Management. Applicants must have junior or senior standing, demonstrated financial need, and possess a strong record of academic achievement. The award must be used for tuition and/or books only.

College of Education

A wide range of scholarships are awarded to students in the College of Education at CSUDH. For more information on available scholarship, opportunities visit <http://www4.csudh.edu/coe/resources-links/financial/index>.

Barry "Poppa" Levinson Endowed Scholarship in Education. \$1,000 award. Designated for a student with special needs pursuing a degree in a College of Education undergraduate or graduate program and/or a student pursuing degree in Special Education

Bergen Family Endowed Scholarship. \$1,000 award. The Bergen Family Scholarship is designated for a student within the Teacher Education Multiple Subject program. Must be a Full-time student with minimum 3.5 GPA and demonstrated financial need. Preference is given to those pursuing a Bilingual Authorization.

Brazeller Family Credentialing Assistance Scholarship. \$5,000 award. Designated for students enrolled in a credential program, student teaching or intern options within the College of Education. Applicants must have demonstrated financial need. Students from underrepresented groups and students of color are encouraged to apply.

California Retired Teachers Association Orange County Central Division #44. \$1,000 award. Designated for a student enrolled in the Teacher Education program at CSUDH. Applicants should have a GPA of 3.0 or higher, with demonstrated financial need.

California Retired Teachers Association South Bay Division # 46. \$1,000 award. Designated for a student enrolled in the Teacher Education program at CSUDH. Applicants should have a GPA of 3.0 or higher, with demonstrated financial need.

Carson Companies Scholarship. Full payment of in-state & CSUDH mandatory registration fees. Designated for a student who is pursuing a Liberal Studies major. The student should demonstrate high academic achievement, with a GPA of 3.5 or above. The scholarship may also support Liberal major pursuing a teaching credential.

COE Honorary & Memorial Scholarship. \$1,000 award. Designated for a student in the College of Education. Applicants should have a minimum GPA of 3.0 or above.

College of Education Master's Endowed Scholarship. \$1,000 award. Designated for a student pursuing a master's degree in Education at CSUDH. The scholarship is intended for a student working or planning to work in PreK-14 education. Applicants should have GPA of 3.5 or above. As part of the application process, the applicant will write a personal statement addressing how completion of the master's degree will (1) affect the professional growth of the applicant and (2) improve PreK-14 education.

Davis Family Graduate Education Endowed Scholarship. \$500 award. Designated for a student who is pursuing a master's degree in the Curriculum and Instruction program. The successful applicant must have two or more years of successful teaching experience in urban schools. Applicants should have a GPA of 3.5 or above.

Doris A. Davis Endowed Memorial Scholarship. \$1,500 award. Designated for a student who is enrolled in a College of Education program pursuing a teaching credential. The successful applicant must have graduated from one of the high schools in the City of Compton.

Gil & Shirley Smith Scholarship College of Education. \$1,000 award. Designated for a student within the College of Education. The student must be a returning undergraduate student with at least one semester of coursework remaining in their pre-teaching or teacher prep program. Applicants should have demonstrated financial need with a minimum 3.0 or above GPA.

Hilda S. Baca Fetcenko Endowed Memorial Scholarship. Award amount varies. Designated for a student enrolled in a College of Education program who is working toward a bilingual (Spanish/English) certification. Applicants should have demonstrated financial need with a minimum 3.2 or above GPA.

James E. Williams Memorial Scholarship. Award amount varies. Designated for a student enrolled in the teacher credential program at CSUDH. The successful applicant should plan to teach at an inner city or economically challenged school. Applicants should have commitment to first year of teaching in an inner-city school. Applicants should have demonstrated financial need with a minimum 3.0 or above GPA.

Joette Lavarini Memorial Scholarship. Award amount varies. Designated for a student who is pursuing student teaching at an elementary school. The student must have high academic standing to be eligible. Applicant should have demonstrated financial need.

Kaufman Family Endowed Scholarship. \$1,000 award. Designated for students in the Multiple Subject Student Teaching option who intend to teach in an urban school. Multiple subject student teacher intending to teach in an urban school. Applicants should have 3.0 GPA in the last 60

units of undergraduate & graduate work and have demonstrated financial need.

Laura E. Settle Scholarship. \$3,000 award. Designated for a student enrolled in the credential program at CSUDH. The student should have high academic standing and demonstrated financial need to be considered for this award.

Lawrence DeVoogd Endowed Scholarship. \$1,000 award. Designated for students enrolled in one of the following College of Education programs: teacher education, liberal studies, teaching credential, and/or master's degree in Education. Students must have minimum 2.8 GPA or above with demonstrated financial need. As part of the application process, the student must complete a personal statement articulating how students learn best.

Miguel Gallegos Memorial Scholarship. \$1,000 award. Designated for a student enrolled in College of Education program, who is working toward a bilingual (Spanish/English) certification. Applicant must have a GPA of 3.5 or above and demonstrated financial need.

Naomi Byers Scholarship. \$1500 award. Designated for a student enrolled in the Teacher Education division at CSUDH. The recipient should be pursuing a single subject teaching credential in Mathematics, Life Sciences or Physical Science. The successful applicant should be completing student teaching at LAUSD secondary school.

Robert DeVries Scholarship. \$500 award. Designated for a student pursuing a multiple or single subject teaching credential completing student teaching. This scholarship is for students who are making education a second career. Applicants should have high academic standing and demonstrated financial need.

Stanley Prep CSUDH International Endowed Scholarship. \$1,000 award. Designated for a student within the College of Education who is participating in a study abroad program in South Korea, or for an international student pursuing a degree or certificate in education. Applicants must have GPA of 3.0 or above. As part of the application process, applicants must write a personal statement articulating how scholarship will help them achieve their goals.

Teaching Credential with Added Authorization in Computer Science Scholarship. Full payment of CSUDH mandatory registration fees. Designated for a student pursuing their preliminary teaching credential and an added authorization in computer science. Applicants must have, or be in a process of completing, a computer science undergraduate degree.

College of Health, Human Services and Nursing Clinical Sciences

James Welch Scholarship. Award amount varies. Scholarship to support undergraduate or graduate students in Clinical Science with a preference for those interested in AIDS research, education, or treatment.

Western Pathologist Quality Assurance Association Endowed Scholarship. Award amount varies. This scholarship is for students enrolled in clinical laboratory sciences.

Michael Coover Clinical Laboratory Science Scholarship. Award amount varies. Designated for currently enrolled undergraduate students pursuing a degree in Clinical Laboratory Science. Applicants must be an undergraduate, upper division student who is working toward their degree in the Clinical Lab Sciences program and is not participating in the clinical internship program.

Nursing

Detailed information for each award or scholarship is available by contacting the Division of Nursing at (800) 344-5484 or by visiting <http://www4.csudh.edu/son/index>. (<http://csudh.edu/son/>)

Joyce Lee Harper Award. \$500 award. This scholarship is for nursing students in memory of Joyce Lee Harper, who died from cancer. The Harper family wishes to acknowledge the significant and meaningful contribution hospice and oncology nurses made to the comfort and well-being of Joyce Harper during her illness and end of life. Applicants must be enrolled in an undergraduate or graduate nursing program at CSUDH; priority will be given to students whose nursing care experiences have focused in oncology and/or hospice/end-of-life care.

Ledesma Family Community Service Endowment Scholarship. \$500 award. This scholarship will be given in honor of the Ledesma Family. This award is to honor those parents who planted the seed of service in the hearts of Dr. Ledesma and his brother. The recipient of this award will exemplify that type of service, looking to serve those underserved and/or underrepresented. Applicants must be enrolled in an undergraduate or graduate nursing program at CSUDH with a minimum 3.5 GPA or higher.

Hand Therapy Society of Greater Los Angeles Scholarship. \$1,000 award. The institution offers an annual Scholarship of \$1,000 to a student who is currently enrolled in the Master of Science in Occupational Therapy Program. Applicants should demonstrate an interest in hand or upper extremity injuries.

College of Natural and Behavioral Sciences CNBS Dean's Office

Dr. H. Keith & Yonnie Lee Scholarship. Award amount varies. Designated for a student majoring in Physics, Chemistry, Biochemistry, Biology, and Math.

Takeshi Katsumata Scholarship. Award amount varies. Awarded annually to a CSUDH student who is majoring in Computer Sciences, Mathematics, Physics, or Chemistry. Applicants must have a minimum 2.5 GPA and demonstrated financial need.

Chemistry

Chemistry Angel. \$2,000 award. Intended to provide financial assistance to dedicated and passionate students who meet a minimum GPA requirement. The scholarship should allow the student to reduce work hours in order to better focus on their studies. Applicants must be an undergraduate chemistry or biochemistry major (any option) and be qualified to enroll in CHE 110 or a higher-level Chemistry course.

Math

William L. Armacost Scholarship. \$750 award. Awarded to a currently enrolled undergraduate Mathematics majors (any option). Applicants must have completed at least two semesters of calculus and MAT 271 Foundations Of Higher Math or equivalent and have completed at least three of the following courses: MAT 191 Calculus I, MAT 193 Calculus II, MAT 211 Calculus III, MAT 213 Calculus IV, MAT 271 Foundations Of Higher Math, MAT 281 Discrete Mathematics, MAT 311 Differential Equations, MAT 321 Probability and Statistics, MAT 331 Linear Algebra, MAT 333 Abstract Algebra. As part of the application process, students must submit letter(s) of recommendation, unofficial transcripts, and a personal statement addressing a specific prompt listed in the application.

Marcie Stewart Memorial Scholarship. \$750 award. Designated for a currently enrolled undergraduate student majoring one of the STEM disciplines. Students are selected based on academic performance and promise. As part of the application process, students must submit

letter(s) of recommendation, unofficial transcripts, and a personal statement addressing a specific prompt listed in the application.

Physics

Dr. Sam Wiley Scholarship. Award amount varies. Awarded to continuing Physics majors with a 3.0 GPA and enrolled at CSUDH. Preference will be given to full-time students.

Philip Johnson Scholarship. \$1,000 award. Awarded to a junior or senior Physics major who is judged on potential for academic excellence in Physics as evidenced by past scholastic performance and letters of recommendation.

Political Science

The Michael O'Hara Memorial Scholarship. Award amount varies. Offered to outstanding students majoring in political science.

Psychology

Beverly Palmer Endowed Scholarship. Award amount varies. Established to support the financial needs of students who will be applying to graduate programs in psychology. Applicants must be enrolled full-time and have a minimum 3.0 GPA.

Sociology

Anne K Peters Scholarship. Award amount varies. Designated for a continuing student majoring in Sociology, Labor Studies, Women's Studies or in the PACE program. Applicant must have demonstrated financial need.

Dr. Herman Loether Memorial Social Research Scholarship. Award amount varies. Established in memory of Dr. Herman Loether, emeritus and founding faculty member of the sociology department at CSUDH. Applicants must be a Sociology major (undergraduate student with Junior or Senior class standing, or graduate student), in good standing with the university. Applicants must be actively engaged in sociological research and have a commitment to continuing education and attaining a graduate professional degree.

Athletics

Visit the Athletic Department, South Academic Complex 3 (SAC 3) or call (310) 243-3893 for further information and appropriate deadlines.

Athletic Grants-In-Aid. Available to qualified student athletes.

International Study

Del Amo Foundation Scholarship. Award amount varies. The scholarship is awarded to outstanding students for study in Spain through the International Program. Applicants must major in Spanish Studies for a minimum of two years.

The International Studies Scholarship. Award amount varies. Designated for a student who is planning to enroll in an international program/study abroad. The program awards one scholarship annually. Student must be highly motivated in broadening their international experience with a GPA of 3.0 or above.

Graduate Equity Fellowships

Award amount up to \$5,600. Awarded by the CSUDH Graduate Studies Office to graduate students with strong academic records and financial need; renewable for two years. Must be accepted into a CSUDH graduate program, have a faculty sponsor, and commit to a research project. Students must complete a separate application, available in the Graduate Studies office, Welch Hall room 445. Contact the Graduate Studies Office at (310) 243-3693 for deadline.

ROTC

Army ROTC Scholarship. The Army ROTC scholarship Program and the Army ROTC Green to Gold Scholarship Program provide opportunities for high school graduates and enlisted members of the Army to complete their baccalaureate degree and also earn commission through participation in the ROTC scholarship program. Scholarships can pay full tuition and fees (in-state or out-of-state) or room and board (up to \$10,000/year). Contact the Department of Military Science at 310-243-3017.

ROTC Scholarships. Two, three- and four-year ROTC scholarships are available for qualified CSU Dominguez Hills students who have been accepted into an Army or Air Force Reserve Officer Training Corps program at one of the participating universities in the Los Angeles basin. The scholarships may pay for tuition, fees, and books. For more information call the ROTC program at: Loyola Marymount University (310) 338-2770, California State University at Long Beach (562) 985-5436, University of California at Los Angeles (310) 825-1742, or University of Southern California (213) 740-2670.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements.

The California State University has not determined whether its programs meets other states' educational or professional requirements for licensure and certification. Students enrolled in a California State University program who are planning to pursue licensure or certification in other states are responsible for determining whether they will meet their state's requirements for licensure or certification. This disclosure is made pursuant to 34 CFR §668 43(a)(5)(v)(C).

Information concerning licensure and credentialing requirements is available via the links below:

College of Education

- Graduate Education (p. 571) - Administrative Services Credential
- Counseling
- Liberal Studies (p. 653)
- Special Education (p. 835)
- Teacher Education (p. 851)

College of Health, Human Services, & Nursing

- Clinical Science (p. 462)
- Communication Sciences and Disorders

- Health Science (p. 576) - Orthotics & Prosthetics
- Martial & Family Therapy (p. 679)
- Nursing (p. 717)
- Occupational Therapy (p. 730)
- Social Work (p. 810)

College of Natural & Behavioral Sciences

- Psychology (p. 772)

Program Advisory Boards

Child Development Center Standing Committee

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Executive Director, Associated Students
Director/Site Supervisor, Child Development Center
President, Associated Students, CSUDH
Foundation Representative, CSUDH
Elected Parents- Child Development Center

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Behnaz Dardashi, Quest Diagnostics
Rebecca Rosser, SCPMG Kaiser Regional Reference Laboratories
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Elsa Tsukahara, Ronald Reagan UCLA Medical Center
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Hugo Morris, Joint Council of Teamsters, #42
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Baccalaureate Degrees and Undergraduate Studies

Admission Procedures and Policies

Requirements for admission to California State University, Dominguez Hills are in accordance with Title 5, Chapter 1, Subchapter 3, of the California Code of Regulations. Complete information is available on the California State University website (<https://www2.calstate.edu/>).

All CSU applications must be submitted online on the Cal State Apply website (<https://www2.calstate.edu/apply/>). An acknowledgement will be sent to the applicant when the online application has been submitted.

IMPORTANCE OF FILING COMPLETE, ACCURATE AND AUTHENTIC APPLICATION DOCUMENTS

CSU Dominguez Hills advises prospective students that they must supply complete and accurate information on the application for admission, residency questionnaire and financial aid forms. Further, applicants must, *when requested*, submit authentic and official transcripts of all previous academic work attempted. Failure to file complete, accurate and authentic application documents may result in denial of admission, cancellation of registration or academic credit, suspension or expulsion (Section 41301, Article 1.1, Title 5, California Code of Regulations).

Undergraduate Application Procedures

Prospective students applying for part-time or full-time undergraduate programs of study must submit a completed undergraduate application. The \$70 nonrefundable application fee should be paid online at the time of application via credit card or PayPal and may not be transferred or used to apply to another term. An alternate major may be requested on the application if desired by the university. The applications of persons denied admission to an impacted university may be redirected to another university at no cost, but only if the applicant is CSU eligible. Before applying for admission to California State University, Dominguez Hills, students should carefully study the list of academic majors and their descriptions.

Impacted Programs

The CSU designates programs as impacted when more applications from regularly eligible applicants are received in the initial filing period (October and November for fall terms, June for winter terms, August for spring terms, February for summer terms) than can be accommodated. Some programs are impacted at every university which they are offered; others are impacted only at a few universities.

Candidates for admission must meet all of the university's specified supplementary admission criteria if applying to an impacted program or university.

The CSU will announce during the fall filing period those CSUs or programs that are impacted. Detailed information on university and program impaction is available on the Access & Impaction Website (<https://www.calstate.edu/attend/impaction-at-the-csu/>).

Each university will communicate supplementary admission criteria for all impacted programs to high schools and community colleges in their application service area and will disseminate this information to the public through appropriate media. This information will also

be published on the CSU Dominguez Hills website at www.csudh.edu (<https://www.csudh.edu/>).

Applicants must file applications for admission to an impacted program during the initial filing period. Applicants who wish to be considered for impacted programs at more than one CSU should file an application at each university for which they seek admission consideration.

Supplementary Admission Criteria

Each university with impacted programs or class-level admission categories uses supplementary admission criteria in screening applicants. Supplementary criteria may include rank-ordering of freshman applicants based on the combination of student's "A-G" GPA and supplemental factors or rank-ordering of transfer applicants based on verification of the Associate in Arts for Transfer (AA-T) or Associate in Science Transfer (AS-T) degrees, the overall transfer grade point average (GPA), completion of specified prerequisite courses and a combination of campus-developed criteria. Applicants for freshman admission to impacted universities or programs may need to have a higher "a-g" GPA. In no case will standardized test scores be utilized in making freshman admission decisions.

The supplementary admission criteria used by individual CSUs to screen applicants are made available by the universities to all applicants seeking admission to an impacted program.

Pre-admission Advising

Pre-admission advisors are available to aid students in the application process. Questions about admission requirements, transfer of previous course work, application deadlines and related questions should be directed to University Outreach and School Relations located at WH D-245, (310) 243-3696. For additional information regarding advisement, see the section on "Academic Advisement."

Applying for Admission

1. Applicants must submit the completed Application for Admission, showing social security number, evidence of residence as defined in the application booklet, and all supporting documents (official transcripts and test scores).
2. An official transcript of record from the high school of graduation is required for new freshmen and transfer students with fewer than 60 transferable semester units completed.
3. An official transcript is required from each college or university attended, if any.
4. The Test of English as a Foreign Language (TOEFL) is required for all applicants, regardless of citizenship, who have not attended schools full time at the secondary level or above for at least three years where English is the principal language of instruction.
5. Applicants must complete the admission file within the campus deadlines. Contact the University Outreach and Information Services Center for current deadlines. Late applicants will be charged a Late Application Processing fee.

Reservation

The University reserves the right to select its students and deny admission to the University or any of its programs as the University, in its sole discretion, determines appropriate based on an applicant's suitability and the best interests of the University.

Readmission of Former Students

Continuing Student Status

Students may elect to be absent for one semester without losing catalog rights or eligibility for re-registration, subject to the following conditions:

A registration appointment time will not be assigned to scholastically disqualified students following their most recent semester of attendance at CSU Dominguez Hills.

Students who attend another college or university during an absence from CSU Dominguez Hills must file an application for admission as a returning student and must have official transcripts of work attempted sent to the Office of Admissions. A nonrefundable application fee is required. Students who use the Intrasystem Visitor Program do not have to file a new application.

Undergraduate students who graduate from CSU Dominguez Hills and wish to continue as graduate students must file a graduate application for admission. An application fee is required. Late applicants will be charged an additional late application processing fee.

Returning Students

Undergraduate students who have been absent for two semesters or more prior to the semester of return must apply for readmission, unless approved for and participating in the Planned Educational Leave program, as described later in this section of the catalog.

Students who attend another institution during any absence from CSU Dominguez Hills must file an application for admission as a returning student and are subject to the non-refundable application fee.

Returning students who have not maintained continuing student status or been approved for the Planned Educational Leave Program will lose their catalog rights and will be subject to all requirements and regulations in the catalog of the year they are readmitted.

Undergraduate students previously enrolled at the University are not required to file a new application for admission and pay an application fee unless they are absent from the University for two semesters or more or have attended another institution during their absence. Graduate students must reapply if they are absent for one term.

Former Students in Good Standing

A student who left the University in good standing will be readmitted provided any academic work attempted elsewhere does not change his/her scholastic status. Transcripts of any work attempted in the interim are required.

Former Students on academic notice

A student on academic notice at the close of the last semester of enrollment may be readmitted on academic notice provided he/she is otherwise eligible. The student must have official transcripts of any college work attempted during their absence sent to the University.

Readmission of Disqualified Students

The readmission of a previously disqualified student is by special action only. The University normally will not consider a student for readmission until the student has not attended for one semester and until she/he has fulfilled all recommended conditions. In every instance, readmission action is based upon evidence that the causes of previous low achievement have been removed. The evidence includes transcripts of work completed elsewhere subsequent to disqualification and other objective evidence. A request for readmission must be filed in order for a student to be considered for readmission. Formerly disqualified

undergraduate students who are interested in being reinstated should contact the University Advisement Center (310-243-3538) for information regarding the process to request readmission as an undergraduate student at California State University, Dominguez Hills.

Cancellation of Admission

Admission to the University is for a specific semester. Students who do not register for that semester will have their admission cancelled. When seeking admission at a future date, students must file a new application form, follow the complete application procedure, and meet the current admission requirements. Transcripts on file will be retained for one year.

Application Filing Periods

(Not all universities/programs are open for admission to every term.)

| Terms | Applications First Accepted | Initial Filing Period |
|------------------------------|-----------------------------|-----------------------|
| Summer Semester ¹ | February 1 | February 1-28 |
| Fall Semester | October 1 | October 1-November 30 |
| Winter | June 1 | June 1-30 |
| Spring Semester | August 1 | August 1-30 |

¹ Note: Most CSUs do not admit students to Summer term.

Late Fee: A late admissions application fee of \$15.00 will be charged after the Fall deadline of November 30th, the Spring deadline of August 30th and the Summer deadline of March 1st.

Filing Period Duration: Each non-impacted university accepts applications until capacities are reached. Many universities limit undergraduate admission in an enrollment category due to overall enrollment limits. If applying after the initial filing period, consult the university admission office for current information.

High School Students

High school students may be considered for enrollment in certain special programs if recommended by the principal and the appropriate campus department chair and if preparation is equivalent to that required of eligible California high school graduates. Such admission is only for a given specific program and does not constitute a right to continued enrollment.

Application Acknowledgment

On-time applicants may expect to receive an email acknowledgment from the universities to which they have applied within two to four weeks of filing the application. The notice may also include a request that applicants submit additional records necessary to evaluate academic qualifications. Applicants may be assured of admission if the evaluation of relevant qualifications indicates that applicants meet CSU admission requirements, and in the case of admission impaction, supplemental criteria for admission to an impacted program. Unless specific written approval/confirmation is received, an offer of admission is not transferable to another term or to another university.

Importance of Filing Complete, Accurate and Authentic Application for Admission Documents

CSU Dominguez Hills advises prospective students that they must supply complete and accurate information on the application for admission, residency questionnaire, and financial aid forms. Further, applicants must, when requested, submit authentic and official transcripts of all previous academic work attempted. Failure to file complete, accurate, and authentic application documents may result in denial of admission, cancellation of registration or academic credit, suspension, or expulsion (Section 41301, Article 1.1, Title 5, California Code of Regulations).

Educational Opportunity Program (EOP)

The Educational Opportunity Program (EOP) is an admission program that recruits and admits first generation students who may not meet the standard admission requirements for the University, but who display the potential to succeed at the University. The EOP facilitates the enrollment and academic success for the educationally and economically disadvantaged. An application deadline exists for the fall semester of each academic year.

Acceptance in the program is based upon an evaluation of the student's past educational experience, completion of the EOP admission application (which may be used at all campuses within the CSU) and mandatory attendance at an informational session. Once admitted in the EOP, students are provided with support services (i.e., academic advisement, counseling and financial aid advisement) to maximize their potential for academic success.

Former EOP students at CSU Dominguez Hills must apply directly to the EOP Office for undergraduate readmission. This procedure is necessary to ensure that admission, as well as financial assistance are rendered to the student in a timely manner. The EOP Office is located in Welch Hall D-350. (310) 243-3632.

Provisional Admission of First-time Freshmen Applicants

CSU Dominguez Hills may provisionally admit first-time freshman applicants based on their academic preparation through the junior year of high school and planned coursework for the senior year. The university will monitor the final terms of study to ensure that admitted students complete their secondary school studies satisfactorily, including the required college preparatory subjects, and graduate from high school. Students are required to submit an official transcript after graduation to certify that all course work has been satisfactorily completed. Official high school transcripts must be received prior to the deadline set by the University. In no case may documentation of high school graduation be received any later than the census date for a student's first term of CSU enrollment. A CSU may rescind admission decisions, cancel financial aid awards, withdraw housing contracts and cancel any University registration for students who are found to be ineligible after the final transcript has been evaluated.

Applicants will qualify for regular (non-provisional) admission when the university verifies that they have graduated and received a high school diploma, have completed the comprehensive pattern of college preparatory "a-g" subjects, and, if applying to an impacted program or university, have met all supplementary criteria.

Subject Requirements

The CSU requires that first-time freshman applicants complete, with grade of C- or better, a comprehensive pattern of college preparatory study totaling 15 units. A "unit" is one year of study in high school.

- 2 years of social science, including 1 year of U.S. history and government
- 4 years of English
- 3 years of math (algebra, geometry and intermediate algebra; four years recommended)
- 2 years of laboratory science (1 biological & 1 physical, both must have laboratory instruction)
- 2 years in the same foreign language (subject to waiver for applicants demonstrating equivalent competition)
- 1 year of visual and performing arts; art, dance, drama/theater or music
- 1 year of electives: selected from English, advanced mathematics, social science, history, laboratory science, foreign language, visual and performing arts or other courses approved and included on the UC/CSU "a-g" list

Intent to Enroll

Applicants who have been offered admission should notify the campus of their acceptance and if required, make a deposit by the specified campus deadline. The enrollment deposit is applied as payment against the tuition fee payable at the time of registration for students who matriculate. An enrollment deposit may be forfeited for a student who does not enroll. Students eligible for need-based financial aid and/or fee waivers may or may not be required to pay the deposit. Deadlines and deposit fees are subject to change without prior notice.

Adult Students

As an alternative to regular admission criteria, an applicant who is 25 years of age or older may be considered for admission as an adult student if they meet all of the following conditions:

1. Possesses a high school diploma (or has established equivalence through either the General Educational Development or California High School Proficiency Examinations)
2. Has not been enrolled in college as a full-time student for more than one term during the past five years
3. If there has been any college attendance in the last five years, has earned a 2.00 GPA or better in all college work attempted.

Consideration will be based upon a judgment as to whether the applicant is as likely to succeed as a regularly admitted freshman or transfer student and will include an assessment of basic skills in the English language and mathematical computation.

Graduation Requirement in Writing Proficiency

All students must demonstrate competency in writing skills as a requirement for graduation. Information on currently available ways to meet this graduation requirement may be obtained from [name of appropriate university office or officer].

English Language Requirement

All undergraduate applicants whose native language is not English and who have not attended schools at the secondary level or above for

at least three years full time where English is the principal language of instruction must present a minimum score of 61 or above on the Test of English as a Foreign Language (TOEFL), a score of 5.5 on the International English Language Testing System (IELTS), or a score of 95 on the Duolingo English Test (DET). Some majors and some CSUs may require a score higher than the minimum university score. A few CSUs may also use alternative methods of assessing English fluency: Pearson Test of English Academic (PTE Academic), the , and the International Test of English Proficiency (ITEP). Each university will post the tests it accepts and when to submit scores.

CSU Minimum TOEFL Standards

| Level | Internet | Paper |
|---------------|----------|-------|
| Undergraduate | 61 | 500 |
| Graduate | 80 | 550 |

CSUDH Minimum English Proficiency Standards International (Foreign) Student Admission Requirements

The CSU must assess the academic preparation of foreign students. For this purpose, "foreign students" include those who hold U.S. temporary visas as students, exchange visitors, or in other non-immigrant classifications.

The CSU uses separate requirements and application filing dates in the admission of "foreign students". Verification of English proficiency (see the section on the English Language Requirement for undergraduate applicants), financial resources, and academic performance are each important considerations for admission. Academic records from foreign institutions must be on file at least eight weeks before the first term and, if not in English, must be accompanied by certified English translations.

International visa applicants are required to comply with the following requirements and instructions:

1. International applicants are encouraged to consult with an advisor in the Office of International Programs before applying for admission to the University. Because the evaluation of international credentials may take considerable time, separate filing deadlines are in effect for applications from foreign students.
2. Applicants must file the application for admission accompanied by a nonrefundable application fee. An application is for a specific term and is not transferable to any other term.
3. Applicants must show evidence of competence in the language. The results of the Test of English as a Foreign Language (TOEFL) with a minimum score of 500 (or 173 on the computerized TOEFL) are required to show evidence of English competence. Applicants taking the Internet-based (iBT) TOEFL must present a score of 61 or above.
4. Applicants must submit an affidavit of financial support. The form is available from the Office of Admissions.
5. Freshmen applicants must be determined by the University to have academic preparation equivalent to U.S. high school graduates.
6. All official documents submitted become the property of the University and will not be returned or forwarded. The acceptability of any international work will be determined by the University. For more information visit the International Students website: <http://csudh.edu/international> (<http://csudh.edu/international/>). Admission of students who have not attended US institutions is based upon demonstration of preparation equivalent to that required of California

residents. The Office of Admissions has the final authority for assessing the transferability of credit.

7. Applicants who are transfer students must have completed 60 transferable semester units (90 quarter) with a grade point average of 2.0 at an accredited US institution. Official transcripts from each institution attended are required. Priority in admission is given to residents of California. There is little likelihood of nonresident applicants, including international students, being admitted either to impacted majors or to those with limited openings.

Official Transcript Requirements for Admission

A transcript is official if it is sent directly from the school of origin to the Office of Admissions at this University and bears the official seal of the school of origin and the signature of the Records Custodian.

A transcript hand-carried by the applicant from the institution of origin in an envelope sealed by the issuing institution may be accepted as official. A transcript bearing a college seal is not official unless it meets the above guidelines.

Official transcripts are required from all institutions attended, including extension and correspondence courses, even if withdrawal occurred prior to the completion of the course(s). The University reserves the right to determine whether a transcript will be accepted as official.

An applicant disregarding this regulation is subject to disciplinary action and will have the application for admission cancelled.

Schools and colleges will send transcripts only upon the request of the student. The responsibility for ensuring that official transcripts reach the Office of Admissions rests with the applicant.

When ordering transcripts, the request should be addressed to the Office of Admissions at the particular institution. Most institutions require a fee for sending transcripts.

All transcripts submitted become the property of this University. Students are required to have their own personal set of transcripts from all institutions attended for advisement. The Office of Admissions will not provide copies.

Students admitted on a provisional basis must submit required final official transcripts by the established deadlines. See Provisional Admission.

First-time Freshmen Applicants

Applicants enrolled in their last semester of high school must file a transcript showing all work completed to date (sophomore, junior and first semester of senior year). After high school graduation, a final transcript must be filed.

Applicants who have graduated from high school but who have not attended a college or university must file an official transcript showing grades earned during the last three years of high school.

Transfer Applicants

Official transcripts must include all college work completed to date. If currently enrolled, a work-in-progress report is required; a final official transcript is required upon completion of work-in-progress.

Undergraduate applicants with less than 60 transferable semester (84 quarter) units completed must also file an official high school transcript

showing grades earned during the last three years of high school and the date of high school graduation.

Upper division undergraduate applicants (60 or more transferable credits) may be required to submit official transcripts showing completion of high school subject requirements.

Determination of Residency for Tuition Purposes

University requirements for establishing residency for tuition purposes are independent from requirements for establishing residency for other purposes, such as for tax purposes, or other state or institutional residency. These regulations were promulgated not to determine whether a student is a resident or nonresident of California, but rather to determine whether a student qualifies to pay university fees at the in-state or out-of-state rate. A resident for tuition purposes is someone who meets the requirements set forth in the Uniform Student Residency Requirements. These laws governing residency for tuition purposes at the California State University are California Education Code sections 68000-68086, 68120-68133, and 89705-89707.5, and California Code of Regulations, Title 5, Subchapter 5, Article 4, sections 41900- 41915. This material can be viewed by accessing the California State University website (<https://www.calstate.edu/apply/california-residency-for-tuition-purposes/>).

Each CSUs Admissions Office is responsible for determining the residency status of that university's new and returning students based, as applicable, on the student's Application for Admission, Residency Questionnaire, and, as necessary, other information the student furnishes. A student who fails to provide sufficient information to establish resident status will be classified as a nonresident.

Residency Requirements

Initial Determination: Eligible Immigration Status, Physical Presence and Intent

A student seeking to pay in-state tuition at a California State University (CSU) as a first-time freshman, transfer, or as a post-baccalaureate/graduate student must have an eligible immigration status to establish residency (see [Eligible Immigration Information](#)), meet physical presence by the Residence Determination Date, and demonstrate intent to indefinitely remain in the State of California for more than one year immediately preceding the Residence Determination Date. If the student is under the age of 19 (with limited exceptions), the student's residence status is derived from that of the parent or from that of the legal guardian.

Requirements for Residency for Tuition Purposes

Physical Presence: The student or parent/guardian must be physically present in California for more than one year immediately preceding the Residence Determination Date in which enrollment is contemplated. For example, if a student plans to attend the CSU for the Fall 2024 academic term, and the Residence Determination Date for that term is September 20, 2023, the student must establish a physical presence in California no later than September 19, 2023.

Intent: California law stipulates the burden of proof rests with the student, and merely living in California for a year does not support a claim for residency for tuition purposes. The student, or in some cases a parent or legal guardian, must demonstrate intent to remain indefinitely in the state for more than one year immediately preceding the Residence Determination Date (RDD) and sever all residential ties with the former

state or country of residence. If the student is under the age of 19, the student's residence status is derived from that of the parent or legal guardian unless an exception applies. There must be sufficient documentation to demonstrate that intent was established more than one year (a minimum of one year and one day) before the RDD.

Documents must include the student's name, the student's California address, and a date at least one year and one day prior or on the RDD for the term. For students under the age of 19, documents must be in the parent or legal guardian's name unless an exception applies. Also, a parent or legal guardian's immigration status does not preclude a student from establishing residency; therefore, the parent or legal guardian is not required to provide any immigration documents to demonstrate intent.

Evidence demonstrating intent to remain in the State of California indefinitely may vary from case to case, but will include, and is not necessarily limited to, the absence of residential ties to any other state, California voter registration, and history of actually voting in California elections, maintaining California vehicle registration and driver's license, maintaining active California bank accounts, filing California income tax returns and listing a California address on federal tax returns, owning residential property or occupying or renting a residence where permanent buildings are kept, maintaining active memberships in California professional or social organizations, and maintaining a permanent military address and home of record in California.

Exceptions

Evidence demonstrating intent to remain in the State of California indefinitely may vary from case to case, but will include, and is not necessarily limited to, the absence of residential ties to any other state, California voter registration and history of actually voting in California elections, maintaining California vehicle registration and driver's license, maintaining active California bank accounts, filing California income tax returns and listing a California address on federal tax returns, owning residential property or occupying or renting a residence where permanent belongings are kept, maintaining active memberships in California professional or social organizations, and maintaining a permanent military address and home of record in California. For a complete list of acceptable supporting documents, please visit www.calstate.edu/residency/ under Intent.

Residency Exceptions and Exemptions

Students not classified as California residents for tuition purposes may qualify for an exception or an exemption from payment of nonresident tuition. Exceptions to the general residency requirements are contained in California Education Code sections 68070-68086 and California Code of Regulations, Title 5, Subchapter 5, Article 4, sections 41906-41906.6, 41910. Whether an exception applies to a particular student can only be determined after the submission of an application for admission and, as necessary, additional supporting documentation. Because neither the university nor the Chancellor's Office staff may give legal advice, applicants are strongly urged to review the material for themselves and consult with a legal advisor.

Quarter Term CSUs

| Term | Date |
|--------|--------------|
| Fall | September 20 |
| Winter | January 5 |

| | |
|--------|---------|
| Spring | April 1 |
| Summer | July 1 |

Semester Term CSUs

| Term | Date |
|--------|--------------|
| Fall | September 20 |
| Winter | January 5 |
| Spring | January 25 |
| Summer | June 1 |

CalState TEACH

| Term | Date |
|--------|--------------|
| Fall | September 20 |
| Spring | January 5 |
| Summer | June 1 |

Reclassification - Financial Independence

(only applies to continuing students)

A student classified as a non-resident for a prior term may seek reclassification in any subsequent term; however, reclassification requires that, in addition to satisfying the requirements of physical presence and intent to remain indefinitely in the state, the student must also satisfy the requirement of financial independence as outlined in Title 5 CCR § 41905.5. To do so, the student must contact the appropriate person in the university admissions office and complete a Residency Questionnaire Form and provide supporting documents.

41905.5 Residency Reclassification - Financial Independence Requirement

- Any non-resident student requesting reclassification to the resident for tuition purposes must demonstrate financial independence.
- Student has not and will not be claimed as an exemption for state and federal tax purposes by his/her parent in the calendar year the reclassification application is made and in any of the three calendar years prior to the reclassification application
- Student has not and will not receive more than seven hundred fifty dollars (\$750) per year in financial assistance from their parent in the calendar year the reclassification application is made and in any of the three calendar years prior to the reclassification application.
- Student has not lived and will not live for more than six weeks in the home of their parent during the calendar year the reclassification application is made and in any of the three calendar years prior to the reclassification application.
- Note: Students who receive a government scholarship and/or financial assistance should be viewed the same as state and federal financial aid, and athletics grants-is-aid; and should not be counted as parental support.
- Effective Fall 2020 academic term, if the student meets at least one of the following criteria, the student does not have to meet the financial independence requirement. Students must provide the university admissions office with supporting documents (e.g. state income tax returns, court documents, marriage certificate, military order form) that demonstrate they meet the criteria.

- Dependent on a parent who has California residence for more than one year immediately preceding the residence determination date;
- Enrolled in a graduate or post#baccalaureate program, regardless of age;
- Turned 24 years of age by the residence determination date;
- Married or registered domestic partner as of the residence determination date;
- Active duty members serving in the U.S Armed Forces;
- Veteran of the U.S. Armed Forces;
- Legal dependent other than spouse or registered domestic partner;
- Former ward of the court, foster youth or both parents are deceased;
- Declared by a court to be an emancipated minor; or
- Unaccompanied youth who is homeless or at risk of becoming homeless.

Residency Appeals

A student classified as a nonresident may appeal a final university decision within 30 days of notification by the university. Appeals will be accepted only if at least one of the following criteria applies:

1. The decision was based on:
 - a. A significant error of fact by the university;
 - b. A significant procedural error by the university; or
 - c. An incorrect application of the law which, if corrected would require that the student be reclassified as a California resident; and/or
 - d. Significant new information, not previously know or available to the student, became available after the date of the university decision classifying the student as a nonresident and based on the new information, the classification as a nonresident is incorrect.

Instructions to submit an appeal and additional information can be found on the California Residency for Tuition Purposes website. (<https://www2.calstate.edu/apply/california-residency-for-tuition-purposes/>)

Appeals via email, fax and U.S. mail will not be accepted. A student with a document disability who requests an accommodation to submit an appeal through the California State University (CSU) website (<https://www.calstate.edu/>) should contact Student Affairs and Enrollment Management at <https://www.calstate.edu/apply/california-residency-for-tuition-purposes/Pages/filing-a-residency-appeal.aspx>.

The Office of the Chancellor will either decide the appeal or send the matter back to the university for further review.

A student incorrectly classified as a resident or incorrectly granted an exception from nonresident tuition is subject to reclassification as a nonresident or withdrawal of the exception and subject to payment of nonresident tuition in arrears. If incorrect classification results from false or concealed facts, the student may also be subject to discipline pursuant to Section 41301 of Title 5 of the California Code of Regulations. A student previously classified as a resident or previously granted an exception is required to immediately notify the Office of Admissions if the student has reason to believe that the student no

longer qualifies as a resident or no longer meets the criteria for an exception.

Changes may have been made in the rate of nonresident tuition and in the statutes and regulations governing residency for tuition purposes in California between the time this information is published and the relevant residency determination date. Students are urged to review the statutes and regulations stated above.

Nonresident Tuition Exemption for California High School Students: AB 540, AB 2000, SB 68

The nonresident tuition exemption for California high school students (AB540) took effect January 1, 2002. This exemption does not provide resident status to students meeting the requirements but rather exempts certain nonresident students from paying nonresident tuition if they meet all requirements in section 68130.50 of the California Education Code. The requirements are:

The student must have attended a California high school full time for three or more years. The law does not require consecutive attendance. Qualifying attendance can be at multiple California high schools. The law does not distinguish between public and private high schools nor impose any time limit on how far in the past the student may have attended a high school.

The student must have graduated from a California high school or attained the equivalent thereof (e.g. a High School Equivalency Certificate issued by the California Department of Education. A G.E.D. certificate alone does not qualify). There is no limit on how far in the past the student may have attained this status.

Undocumented alien students must file an Affidavit with the college indicating the student has applied for legal immigration status or will do so as soon as the student is eligible to do so.

Except for nonimmigrant aliens, nonresident students who meet the first two requirements (three years of California high school attendance and either graduation or the equivalent) shall be exempted from nonresident tuition even if the student is a U.S. Citizen or lawful immigrant.

If the student has filed an application with USCIS to legalize his or her immigration status, the student may already be eligible for resident fee status under the residency laws if that student has resided in California for more than one year since the time of USCIS application.

Students who are nonimmigrant aliens (temporary visa holders, the most common being the F student visa and B visitor visa, but including all nonimmigrant visa categories) are not eligible for this exemption, even if their valid nonimmigrant status subsequently lapses. (A full description of nonimmigrant alien classification is found in 8 United States Code section 1101(a)(15) and is summarized in The Residence Handbook on pages 2-4).

This new law specifies that undocumented alien students must sign an Affidavit (developed by the Chancellor's Office) regarding their immigration status. The law requires that all information obtained in the implementation of AB540 be kept confidential.

A student seeking this tuition exemption has the burden of providing evidence of compliance with the requirements for this exemption.

Inquiries concerning AB540 may be directed to the Office of Admissions at (310) 243-3645 or the Office of Admissions website at: <https://www.csudh.edu/future-students/residency-info/residency-form->

instructions. (<https://www.csudh.edu/future-students/residency-info/residency-form-instructions/>) (<https://www.calstate.edu/apply/california-residency-for-tuition-purposes/Pages/filing-a-residency-appeal.aspx>) This information could also be viewed by accessing the California State University's website at: www.calstate.edu/Title5/index.html (<http://www.calstate.edu/Title5/>).

Other Applicants

An applicant not admissible under one of the listed provisions should enroll in a community college or other appropriate institution. Only under the most unusual circumstances will such applicants be granted admission to CSU Dominguez Hills. Permission is granted only by special action.

Hardship Petitions

The university has established procedures for consideration of qualified applicants who would be faced with extreme hardship if not admitted. Petitioners should write to the university Admission Office regarding specific policies governing hardship admission. <https://www.csudh.edu/future-students/have-applied/denied-admission> (<https://www.csudh.edu/future-students/have-applied/denied-admission/>)

Notification of Eligibility

In order that students may be informed as early as possible about eligibility, they are urged to apply early in the application period. When notified by the University to do so, they should promptly request that supporting documents (transcripts and test scores) be sent to the Office of Admissions. The time between receipt of an application by the Office of Admissions and notification of eligibility status to applicants will vary.

Early notification will be provided to those freshman applicants who can establish their eligibility prior to high school graduation. Other freshman applicants should not expect notification until at least four weeks after final transcripts reach the Office of Admissions.

Transfer students applying for admission in advanced standing may expect notification approximately four weeks after final transcripts have been received. Transcripts must include all college work completed to date. If currently enrolled, a work-in-progress report is required, and a final transcript is required upon completion of work-in-progress.

Insurance Requirement

Effective August 1, 1995, as a condition of receiving an I-20 or IAP-66 form, all F-1 and J-1 visa applicants must agree to obtain and maintain health insurance as a condition of registration and continued enrollment in the California State University. Such insurance must be in amounts as specified by the United States Information Agency (USIA) and NAFSA: Association of International Educators. Further information may be obtained at www.csudh.edu/iss (<http://www.csudh.edu/iss/>).

Use of Social Security Number

Applicants are required to include their correct social security numbers in designated places on applications for admission pursuant to the authority contained in Section 41201, Title 5, California Code of Regulations, and Section 6109 of the Internal Revenue Code (26 U.S.C. 6109). The University uses the social security number to identify students and their records including identification for purposes of financial aid eligibility and disbursement and the repayment of financial aid and other debts payable to the institution. Also, the Internal Revenue Service requires the University to file information returns that include

the student's social security number and other information such as the amount paid for qualified tuition, related expenses, and interest on educational loans. This information is used by the IRS to help determine whether a student, or a person claiming a student as a dependent, may take a credit or deduction to reduce federal income taxes. The Financial Aid Office will also use it to report Federal Work Study earnings to the Federal Department of Education.

Taxpayers who claim Hope Scholarship or Lifetime Learning tax credit will be required to provide the campus with the name, address, and Taxpayer Identification Number.

Undergraduate Admission Requirements

The California Promise

The California Promise Program enables a specific number of CSUs to establish pledge programs for entering first-time students who are both interested and able to complete baccalaureate degrees in 4-years. All CSUs have established programs for students with Associate Degrees for Transfer from any California Community College to complete their baccalaureate degrees in 2-years. The program is limited to students who are residents of California.

Students who commit to enter either the 4-year or 2-year pledge will be given a priority registration appointment for each state-supported enrollment period and will be provided with routine and thorough academic advisement. In order to remain in the program, students must meet with their advisors as prescribed, develop an enrollment plan, and complete 30 semester units or quarter equivalent within each academic year, including summer. Participating CSUs may stipulate other requirements as well. Interested students entering the CSU should contact the university offices or visit The California Promise Program website (https://www2.calstate.edu/apply/freshman/getting_into_the_csu/Pages/the-california-promise-program.aspx).

- Toro California Promise Finish in Four Scholars Program
- Toro California Promise Thru in Two Scholars Program

Freshman Requirements

Generally, applicants will qualify for consideration for first-time freshman admission if they meet the following requirements:

1. Have **graduated** from high school, have earned a Certificate of General Education Development (GED) or have passed the California High School Proficiency Examination (CHSPE);
2. Complete the 15-unit comprehensive "a-g" pattern of college preparatory courses;
3. Have completed with grades of C- or better each of the courses in the comprehensive pattern of college preparatory subject requirements, also known as the "a-g" pattern (see "Subject Requirements"); and
 - The CSU will accept "Credit" or "Pass" grades to satisfy "a-g" requirements completed during Winter, Spring, Summer or Fall 2020 terms and during Winter, Spring or Summer 2021 terms. The CSU expects and assumes that high school Pass (Credit) grades will represent work completed at the C- or higher level. As of Fall 2021 and forward, grades are expected for courses.
4. Earn a qualifying "a-g" grade-point average (GPA) as described below.
 - California residents and graduates of California high schools will be eligible for admission by earning a 2.50 or greater "a-g" GPA
 - Any California high school graduate or resident of California earning a GPA between 2.00 and 2.49 may be evaluated for admission based upon supplemental factors such as a number

of courses exceeding maximum "a-g" requirements, household income, extracurricular involvement, and other available information that would inform the university admission decision.

- Non-California residents may be eligible for admission to the CSU by earning a 3.00 or greater "a-g" GPA along with other supplemental factors utilized by the individual university, including those outlined by impacted universities and programs.
- Any non-California resident earning a GPA between 2.47 and 2.99 may be evaluated for admission based upon supplemental factors such as number of courses exceeding minimum "a-g" requirements, household income, extracurricular involvement, and other available information that would inform the university admission decision.

5. Each CSU will determine the supplemental factors used with GPA to determine eligibility in these cases and communicate these criteria publicly for prospective students.

The California State University (CSU) has permanently discontinued the use of ACT/SAT examinations in determining admission eligibility. Submitted test scores by admitted students would be considered **only** for purposes of student placement in Math or English courses.

Universities will use a combination of students' "a-g" GPA and supplemental factors to determine admission eligibility

Subject Requirements

The CSU requires that first-time freshman applicants complete, with grades of C- or better, a comprehensive pattern of college preparatory study totaling 15 units. A "unit" is one year of study in high school.

- 2 years of social science, including 1 year of U.S. history, or U.S. history and government
- 4 years of English
- 3 years of math (algebra, geometry and intermediate algebra; four years recommended)
- 2 years of laboratory science (1 biological & 1 physical, both must have laboratory instruction)
- 2 years in the same foreign language (subject to waiver for applicants demonstrating equivalent competence)
- 1 year of visual and performing arts: art, dance, drama/theater, or music
- 1 year of electives: selected from English, advanced mathematics, social science, history, laboratory science, foreign language, visual and performing arts or other courses approved and included on the UC/CSU "a-g" list.

Foreign Language Subject Requirement- The foreign language subject requirement may be satisfied by applicants who demonstrate competence in a language other than English equivalent to or higher than expected of students who complete two years of foreign language study. For further information, students should consult a counselor or any advisor at a CSU campus admissions office.

Subject Requirement Substitution for Students with Disabilities- Applicants with disabilities are encouraged to complete college preparatory course requirements, if at all possible. If a student is judged unable to fulfill a specific course requirement because of his or her disability, alternative college preparatory courses may be substituted for specific subject requirements. Substitutions may be authorized on an individual basis after review and recommendation by the student's academic advisor or guidance counselor in consultation with the

director of a CSU disabled student services program. Students should be aware that failure to complete courses required for admission may limit their later enrollment in certain majors, particularly those involving mathematics. For further information and substitution forms, please call the director of the Student disAbility Resource Center (310) 243-3660.

Additional College Preparatory Courses Recommended

Most academic advisors agree that preparation for university study includes preparation in subjects beyond four years of English and three years of mathematics. Please see the section on Subject Requirements found in this portion of the University Catalog. Bachelor's degree curricula build upon previous study in the natural sciences, social sciences, visual and performing arts, foreign languages, and the humanities. Students planning to major in mathematics, the sciences (including computer science), engineering, pre-medicine, other science-related fields, business, or economics should complete four years of college preparatory mathematics. Students in the social sciences and pre-professional fields of study should include at least three years of mathematics in the preparatory studies. Further, all students should include English and mathematics in the final year of high school.

High School Students

High school students may be considered for enrollment in certain special programs if recommended by the principal and the appropriate university department chair and if preparation is equivalent to that required of eligible California high school graduates. Such admission is only for a given specific program and does not constitute a right to continued enrollment

Transfer Policies of California State University

Most commonly, college-level credits earned from an institution of higher education accredited by a regional/national accrediting agency are accepted for transfer to member universities of the CSU; however, authority for decisions regarding the transfer of undergraduate credits is delegated to each university.

California Community Colleges and other authorized certifying institutions can certify up to 39 semester (58.5 quarter) units of General Education-Breadth (GE-Breadth) or 37 semester (55.5 quarter) units of the Intersegmental General Education Transfer Curriculum (IGETC) for transfer students to fulfill lower-division general education requirements for any CSU prior to transfer.

"Certification" is the official notification from a California Community College or authorized institution that a transfer student has completed courses fulfilling lower-division general education requirements. The CSU GE-Breadth and the Intersegmental General Education Transfer Curriculum (IGETC) certification course lists for particular community colleges can be accessed on the official transfer and articulation system for California's public colleges and universities website, assist.org (<https://assist.org/>).

CSUs may enter into course-to-course or program-to-program articulation agreements with other CSUs, and any or all of the California community colleges and other regionally accredited institutions. Established CSU and CCC articulations may be found on <http://www.assist.org>. Students may be permitted to transfer no more than 70 semester (105 quarter) units to a CSU campus from an institution which does not offer bachelor's degrees or their equivalents, for example, community colleges. Given the university's 30-semester (45-quarter) unit residency

requirement, no more than a total of 90 semester (135 quarter) units may be transferred into the university from all sources.

Transfer Requirements

Applicants who have completed fewer than 60 transferable semester college units (fewer than 90 quarter units) are considered lower-division transfer students. Applicants who have completed 60 or more transferable semester college units (90 or more quarter units) are considered upper-division transfer students. Applicants who complete college units during high school or through the summer immediately following high school graduation are considered first-time freshmen and must meet the CSU minimum eligibility requirements for first-time freshman admission. Transferable courses are those designated for baccalaureate credit by the college or University offering the courses and accepted as such by the university to which the applicant seeks admission.

Lower Division Transfer Requirements

Due to increased enrollment demands, some CSUs do not admit lower-division transfer applicants. Students are advised to check the respective university they are interested in to if the lower-division transfer applications are accepted.

An applicant who completes fewer than 60 semester (90-quarter) units of college credit is considered a lower-division transfer student. Due to enrollment pressures, some CSUs do not admit lower-division transfers so that more upper-division transfers can be accommodated.

Having fewer than 60 semester (90-quarter) units at the point of transfer may affect eligibility for registration priority at a CSU and may affect the students' financial aid status.

California resident transfer applicants with fewer than 60 semester (90-quarter) units must:

- Have a cumulative grade point average of 2.0 (c) or better in all transferable units attempted;
- Have completed, with a grade of C- or better, a course in written communication and a course in mathematics or quantitative reasoning at a level satisfying CSU General Education Breadth Area A2 and B4 requirements, respectively;
- Be in good standing at the last institution attended; and
- Meet any one of the following eligibility standards.

Transfer Based on Current Admission Criteria

The applicant meets the freshman admission requirements in effect for the term for which the application is filed; - OR -

Transfer Based on High School Eligibility

The applicant was eligible as a freshman at the time of high school graduation and has been in continuous attendance in an accredited college since high school graduation; -OR-

Transfer Based on Making Up Missing Subjects

The applicant had a qualifiable eligibility index at the time of high school graduation (combination of GPA and test scores if needed), has made up any missing subject requirements with a grade of C- or better, and has been in continuous attendance in an accredited college since high school graduation.

One baccalaureate-level course of at least 3-semester (4-quarter) units is usually considered equivalent to one year of high school study.

(Note: Some CSUs may require lower-division transfer students to complete specific college coursework, for example the four basic skill courses, as part of their admission criteria.)

Upper Division Transfer Requirements

Generally, applicants will qualify for consideration for upper-division transfer admission if they meet all of the following requirements:

1. Cumulative grade point average of at least 2.0 in all transferable units attempted;
2. In good standing at the last college or university attended; and
3. Completed at least sixty (60) transferable semester (90 quarter) units of college level coursework with a grade point average of 2.0 or higher and a grade of C- or better in each course used to meet the CSU general education requirements in written communication, oral communication, critical thinking, and quantitative reasoning, e.g. mathematics. The 60 units must include at least 30 units of courses that meet CSU general education requirement, including all of the general education requirements in communication in the English language (both oral and written) and critical thinking and the requirement in mathematics/quantitative reasoning (usually 3 semester units) or the Intersegmental General Education Transfer Curriculum (IGETC) requirements in English communication and mathematical concepts and quantitative reasoning.

Associate Degrees for Transfer (AA-T or AS-T)

The Associate in Arts for Transfer (AA-T) and the Associate in Science for Transfer (AS-T) degrees offered at the California Community Colleges (CCC) are designed to provide a California community college student the optimum transfer preparation and a clear admission pathway to the CSU degree majors.

CCC students who earn an Associate Degree for Transfer (AA-T or AS-T) are guaranteed admission with junior standing to a CSU and given priority admission over other transfer applicants when applying to a local CSU or non-impacted CSU program. AA-T or AS-T admission applicants are given limited priority consideration based on their eligibility ranking to an impacted university/program or to campuses/programs that have been deemed similar to the degree completed at the community college. Students who have completed an AA-T/AS-T in a program deemed similar to a CSU major are able to complete remaining requirements for graduation within 60 semester (90 quarter) units. It is the responsibility of the student who has earned an AA-T/AS-T to provide documentation of the degree to the CSU. For the admissions process, students are responsible for working with their community college counselors to complete verification of AA-T or AS-T degree progress through the e-verify process within the established university deadlines.

Provisional Admission of Transfer Applicants

CSU Dominguez Hills may provisionally or conditionally admit transfer applicants based on their academic preparation and courses planned for completion. The university will monitor the final terms to ensure those admitted complete all required courses satisfactorily. All accepted applicants are required to submit an official transcript of all college-level work completed. CSUs may rescind admission for any student who is found to be ineligible after the final transcript has been evaluated. In no case may such documents be received and validated by the university any later than a student's registration for their second term of CSU enrollment.

General Information - Admission and Evaluation of Academic Records

Advanced Placement

CSU Dominguez Hills grants credit toward its undergraduate degrees for successful completion of examinations of the Advanced Placement Program of the College Board. Students who present scores of three or better will be granted up to six semester units (nine quarter units) of college credit.

Advanced Placement (AP) Credit can count for General Education (GE), lower division major/minor requirements, or elective credit. Students must submit official Advanced Placement scores to the Office of Admissions before credit is awarded.

The following exams satisfy CSUDH General Education requirements or major/minor courses:

Advanced Placement Examination

| AP Exam | AP Score | CSUDH GE Area Met | CSUDH GE Course Equivalent | GE Units | CSUDH Elective Course Equivalent | Elective Units | Total Units |
|-----------------------------------|----------|-------------------|----------------------------|----------|----------------------------------|----------------|-------------|
| Art History | 3 | C2 | | 3 | | 3 | 6 |
| Biology | 3 | B2 & B3 | BIO 102 & BIO 103 | 4 | | 2 | 6 |
| Calculus AB ¹ | 3 | B4 | | 3 | | 0 | 3 |
| Calculus AB ¹ 4, 5 | 3 | B4 | MAT 191 | 3 | | 0 | 3 |
| Calculus BC ¹ | 3 | B4 | | 3 | | 3 | 6 |
| Calculus BC ¹ 4, 5 | 3 | B4 | MAT 191 & MAT 193 | 3 | | 3 | 6 |
| Chemistry | 3 | B1 & B3 | CHE 102 & CHE 103 | 4 | | 2 | 6 |
| Chinese Language & Culture | 3 | C3 | | 3 | | 3 | 6 |
| Comparative Government & Politics | 3 | D2 | | 3 | | 0 | 3 |
| Computer Science A ¹ | 3 | N/A | | 0 | CSC 121 | 3 | 3 |
| Computer Science AB ¹ | 3 | N/A | | 0 | | 6 | 6 |
| Computer Science Principle | 3 | B4 | | 3 | | 3 | 6 |

| | | | | | | | |
|--|------|---------|---------|---|-------------------|---|---|
| English Literature & Composition | 3 | A1 & C3 | ENG 110 | 6 | ENG 111 | 0 | 6 |
| English Language & Composition | 3 | A1 | ENG 110 | 3 | ENG 111 | 3 | 6 |
| Environmental Sciences ² | 3 | B1 & B3 | | 4 | | 0 | 4 |
| European History | 3 | D2 | | 3 | | 3 | 6 |
| French Language & Culture | 3, 4 | C3 | | 3 | FRE 110 & FRE 111 | 3 | 6 |
| French Language & Culture | 5 | C3 | FRE 220 | 3 | FRE 111 | 3 | 6 |
| German Language & Culture | 3 | C3 | | 3 | | 3 | 6 |
| Human Geograph | 3 | D2 | GEO 100 | 3 | | 0 | 3 |
| Italian Language & Culture | 3 | C3 | | 3 | | 3 | 6 |
| Japanese Language & Culture | 3 | C3 | | 3 | | 3 | 6 |
| Latin | 3 | C3 | | 3 | | 3 | 3 |
| Macroeconomics | 3 | D1 | ECO 211 | 3 | | 0 | 3 |
| Microeconomics | 3 | D1 | ECO 210 | 3 | | 0 | 3 |
| Physics 1 ³ | 3 | B1 & B3 | | 4 | | 0 | 4 |
| Physics 2 ³ | 3 | B1 & B3 | | 4 | | 0 | 4 |
| Physics 3 ³ (electricity & magnetism) | 3 | B1 & B3 | | 4 | | 0 | 4 |
| Physics 3 ³ (mechanics) | 3 | B1 & B3 | | 4 | | 0 | 4 |
| Psychology | 3 | D1 | PSY 101 | 3 | | 0 | 3 |
| Research Seminar | 3 | N/A | | 0 | | 3 | 3 |
| Spanish Language & Culture | 3, 4 | C3 | | 3 | SPA 110 & SPA 111 | 3 | 6 |

| | | | | | | | |
|----------------------------|------|-----|---------|-------------------|---------------------|---|---|
| Spanish Language & Culture | 5 | C3 | 3 | SPA 111 & SPA 220 | 3 | 6 | |
| Spanish Language & Culture | 3 | C3 | 3 | SPA 220 | 3 | 6 | |
| Spanish Language & Culture | 4, 5 | C3 | SPA 221 | 3 | SPA 220 | 3 | 6 |
| Statistics | 3 | B4 | 3 | 0 | 3 | 3 | |
| Statistics | 4, 5 | B4 | MAT 131 | 3 | OMG 2210 or SOC 220 | 3 | 3 |
| Studio Art- 2D | 3 | N/A | 0 | 3 | 3 | 3 | |
| Studio Art- 3D | 3 | N/A | 0 | 3 | 3 | 3 | |
| Studio Art- Drawing | 3 | N/A | 0 | 3 | 3 | 3 | |
| U.S. Governm & Politics | 3 | N/A | 0 | POL 101 | 3 | 3 | |
| U.S. History | 3 | D2 | 3 | HIS 101 | 3 | 6 | |
| World History | 3 | D2 | HIS 120 | 3 | 0 | 3 | |

- ¹ If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate.
- ² Students who pass AP Environmental Science earn 4 units of credit. Tests prior to Fall 2009 may apply to either B1+B3 or B2+B3 of GE Breadth. Fall of 2009 or later, those credits may only apply to B1+B3.
- ³ If a student passes more than one AP exam in physics, only six units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth.

College Level Examination Program (CLEP)

The University presently is operating under the following CLEP credit policy. The minimum standards are as follows:

General Examinations

Student must achieve a minimum passing standard score of 50.

Credit granted for general examinations in humanities and natural science may be used to fulfill General Education requirements as applicable; if not applicable to General Education, elective credit will be granted.

Subject Examinations

Student must achieve a minimum passing standard score as determined by the University for each examination.

Credit will be given only for those examinations determined to be equivalent to CSU Dominguez Hills courses and may be used to fulfill General Education, major, minor or elective requirements.

A student shall not receive credit through CLEP for taking a test in a subject more elementary than those already passed.

| CLEP Examination | CLEP Score | CSUDH GE Area Met | CSUDH GE Course | GE Units | Elective Course Equivalen | Elective Units | Total Units |
|-------------------------------------|------------|-------------------|-----------------|----------|---------------------------|----------------|-------------|
| American Government | 50 | D2 | | 0 | | 0 | 3 |
| American Literature | 50 | C3 | ENG 230 | 3 | | 0 | 3 |
| Analyzing & Interpreting Literature | 50 | C3 | ENG 230 | 3 | | 0 | 3 |
| Biology | 50 | B2 | BIO 102 | 3 | | 0 | 3 |
| Calculus | 50 | B4 | | 3 | | 0 | 3 |
| Chemistry | 50 | B1 | CHE 102 | 3 | | 0 | 3 |
| College Algebra | 50 | B4 | | 3 | | 0 | 3 |
| College Algebra-Trigonon | 50 | B4 | | 3 | | 0 | 3 |
| College Composition | 50 | N/A | | 0 | | 0 | 0 |
| College Composi Modular | 50 | N/A | | 0 | | 0 | 0 |
| College Mathematics | 50 | N/A | | 0 | | 0 | 0 |
| English Composi (no essay) | 50 | N/A | | 0 | | 0 | 0 |
| English Composi (with essay) | 50 | N/A | | 0 | | 0 | 0 |
| English Literature | 50 | C3 | ENG 230 | 3 | | 0 | 3 |
| Financial Accounting | 50 | N/A | | 0 | | 3 | 3 |
| French Level I ¹ | 50 | N/A | | 0 | FRE 110 & FRE 111 | 6 | 6 |
| French Level II ¹ | 59 | C3 | FRE 220 | 3 | FRE 111 | 6 | 9 |
| Freshman College Composi | 50 | N/A | | 0 | | 0 | 0 |
| German Level I ¹ | 50 | N/A | | 0 | | 6 | 6 |
| German Level II ¹ | 60 | C3 | | 3 | | 6 | 9 |

| | | | | | | |
|--------------------------------------|----|----------|----------|----------|---------|---|
| History, United States I | 50 | N/A | 0 | HIS 101 | 3 | 3 |
| History, United States II | 50 | N/A | 0 | HIS 101 | 3 | 3 |
| Human Growth & Development | 50 | E | 3 | | 0 | 3 |
| Humanities | 50 | C3 | HUM 200 | 3 | 0 | 3 |
| Info Systems & Computer Applications | 50 | N/A | 0 | CIS 270 | 3 | 3 |
| Intro to Education Psychology | 50 | N/A | 0 | | 3 | 3 |
| Intro to Business Law | 50 | N/A | 0 | LAW 2403 | | 3 |
| Introductory Psychology | 50 | D1 | PSY 101 | 3 | 0 | 3 |
| Introductory Sociology | 50 | D1 | | 3 | 0 | 3 |
| Natural Sciences | 50 | B1 | | 3 | 0 | 3 |
| Pre-calculus | 50 | B4 | MAT 1533 | | 0 | 3 |
| Principles of Accounting | 50 | N/A | 0 | | 3 | 3 |
| Principles of Macroeconomics | 50 | D1 | ECO 211 | 3 | 0 | 3 |
| Principles of Management | 50 | N/A | 0 | MGT 3103 | | 3 |
| Principles of Marketing | 50 | N/A | 0 | MKT 3503 | | 3 |
| Principles of Microeconomics | 50 | D1 | ECO 210 | 3 | 0 | 3 |
| Social Sciences & History | 50 | N/A | 0 | | 0 | 0 |
| Spanish Level I ¹ | 50 | N/A | 0 | | 0 | 0 |
| Spanish Level II ¹ | 63 | C3 | SPA 221 | 3 | SPA 220 | 6 |
| Western Civilization I | 50 | C3 or D2 | 3 | | 0 | 3 |

| | | | | | | |
|-------------------------|----|----|---|--|---|---|
| Western Civilization II | 50 | D2 | 3 | | 0 | 3 |
|-------------------------|----|----|---|--|---|---|

¹ If a student passes more than one CLEP test in the same language other than English (e.g., two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered "Level I" and earns six units of baccalaureate credit; the higher score listed for each test is considered "Level II" and earns additional units of credit and placement in Area C3 of GE Breadth, as noted.

CLEP Examination

A student shall not receive credit if an examination duplicates course work previously noted on a transcript.

Credit awarded through CLEP will not count as residence credit. A student may earn up to 30 semester units through CLEP. Unless otherwise indicated, three semester units of credit will be granted for each examination.

International Baccalaureate (IB)

California State University Dominguez Hills grants credit toward its undergraduate degrees to students with International Baccalaureate higher level (HL) Exam passing scores of 4 or 5. Students who wish to obtain credit for IB Examinations must have their official IB transcripts forwarded to the Office of Admissions. The IB Table reflects exam area passing scores, General Education designation and course equivalency credit.

| IB Examination | IB Score | CSUDH GE Area Met | CSUDH GE Course Equivalent | GE Units | CSUDH Elective Course Equivalent | Elective Units | Total Units |
|--|----------|-------------------|----------------------------|----------|----------------------------------|----------------|-------------|
| Biology HL | 5 | B2 | BIO 102 | 3 | | 3 | 6 |
| Chemistry HL | 5 | B1 | | 3 | | 3 | 6 |
| Economics HL | 5 | D1 | ECO 210 & ECO 211 | 6 | | 0 | 6 |
| Geography HL | 5 | D2 | GEO 100 | 3 | | 3 | 6 |
| History HL (any region) | 5 | D2 | | 3 | | 3 | 6 |
| Language A Literature (any language except English) HL | 4 | C3 | | 3 | | 3 | 6 |
| Language A Literature (English) HL | 4 | A1 & C3 | ENG 110 & ENG 230 | 6 | | 0 | 6 |

| | | | | |
|--|---------|---------------------------|---|---|
| Language 4 A Language and Literature (any language except English) HL | C3 | 3 | 3 | 6 |
| Language 4 A Language and Literature (English) HL | A1 & C3 | ENG 110 6 & ENG 230 | 0 | 6 |
| Language 4 B HL ¹ | | 0 | 6 | 6 |
| Language 4 A1 HL | C3 | 3 | 3 | 6 |
| Language 4 A2 HL | C3 | 3 | 3 | 6 |
| Mathematics HL | B4 | MAT 191 5 & MAT 193 | 1 | 6 |
| Physics 5 HL | B1 | 3 | 3 | 6 |
| Psychology HL | D1 | PSY 101 3 | 0 | 3 |
| Theatre 4 HL | C2 | 3 | 3 | 6 |

¹ The IB curriculum offers language at various levels for native and non-native speakers. Language B courses are offered at the intermediate level for non-natives. Language A1 and A2 are advanced courses in literature for native and non-native speakers, respectively.

Credit by Examination

Students may challenge courses by taking examinations developed at CSU Dominguez Hills. Credit shall be awarded to those who pass them successfully.

General Conditions

1. A registered student may receive credit by examination for courses in which he/she is eligible to enroll. The student should contact the office of the appropriate department to initiate the procedure.
2. Each department will maintain a current listing of courses that may or may not be taken as credit by examination.
3. The student will select a traditional letter grade or CR/NC option, in accordance with policies applicable to regular course enrollment.
4. Credit by examination will not be given for course work that an academic department deems inappropriate or impossible to evaluate.
5. The same course can be taken only once as credit by examination.
6. Credit by examination will not be given for a course if the student has already received credit for a similar but more advanced course.

7. Units earned by credit by examination may not be used to fulfill the minimum residence requirement.

Credit for Non-collegiate Instruction

CSU Dominguez Hills grants undergraduate degree credit for successful completion of non-collegiate instruction, either military or civilian, appropriate to the baccalaureate degree, which has been recommended by the Commission on Educational Credit and Credentials of the American Council on Education. The numbers of units allowed are those recommended in the Guide to the Evaluation of Educational Experience in the Armed Services and the National Guide to Educational Credit for Training Programs.

Credit for Prior Learning

CSU Dominguez Hills grants up to 12 units of credit for learning, knowledge, or skills-based experience that has been documented and evaluated according to university policy.

Students should be aware, however, that policies for earning credit for prior learning vary from university to university in the CSU.

Students who have acquired the equivalent of learning through prior life experience may apply for academic credit for this learning. Students must have completed 30 units in residence prior to evaluation of this prior learning. The Credit for Prior Learning program consists of two parts:

1. Preparation of a portfolio detailing the prior learning under the guidance of a faculty advisor using the course UNV 380 Portfolio Preparation (1 unit, CR/NC grading).
2. Evaluation of the learning portfolio by appropriate faculty who will recommend the number of units of academic credit to be awarded. Students will then register for the approved number of units using the course UNV 382 Assess Of Prior Learn (1-11 units, CR/NC grading). Credit may be used as elective units, or on approval of the appropriate department chair, as part of the requirements for a major or minor.

For further information concerning this program, please contact your academic department.

Credit for Military Service

A total of six semester units of lower division elective credit will be granted for one or more years of active military duty with an honorable discharge. A photocopy of military separation, DD 214, should be submitted to the Office of Admissions at the time of application for admission.

Evaluation of Transfer Credits

Previous college work will be evaluated in terms of its relationship to the requirements of CSU Dominguez Hills. Some undergraduate programs have established time limits for previously completed coursework in the major or minor. Please check the appropriate section of this catalog or consult with an advisor regarding departmental policy. The transfer credit evaluation is official and remains valid as long as the student enrolls in the semester specified and remains in continuous attendance. If the student is not in continuous attendance and has not applied for and been granted a formal leave of absence, an evaluation issued upon readmission will specify any changes in requirements. Students who obtain a general education certification from a California Community College will be required to complete at least nine upper division units in General Education at CSU Dominguez Hills.

Allowance for Transfer Credit

The maximum credit allowed by the Administrative Code when transferring from a community college to a state college or university is 70 semester (105 quarter) units. Upper division credit is not allowed for courses completed at a community college. Transferability of courses is determined by the community college. Credit is granted for all transferable courses completed at regionally accredited institutions with the exception being the limit on community college credit. Transfer credit is not limited to those courses that precisely parallel the courses offered at CSU Dominguez Hills.

Credit for Extension and Correspondence Courses

The University allows transfer credit for appropriate courses completed in extension or by correspondence from accredited colleges or universities and from the United States Armed Forces Institute. A maximum of 24 semester (36 quarter) units earned through extension, correspondence and USAFI may be accepted toward a bachelor's degree.

Credit for Supplemental Transfer Work

In order to receive credit toward a degree for work completed at other colleges or universities subsequent to matriculation at this University, students must have official transcripts forwarded to the Office of Admissions. After a student has completed 70 semester (105 quarter) units of transferable credit at a community college, no further community college units will be accepted for unit credit toward the total units required for the degree. However, course credit will be allowed for meeting course requirements.

Appeal of Admission Decision

Section 89030.7 of the California Education Code requires that the California State University establishes specific requirements for appeal procedures for a denial of admission. Each CSU campus must publish appeal procedures for applicants denied admission to the university. The procedure is limited to addressing university decisions to deny an applicant admission to the university.

Admissions appeal procedures must address the basis for appeals, provide 15 business days for an applicant to submit an appeal, stipulate a maximum of one appeal per academic term, provide specific contact information for the individual or office to which the appeal should be submitted, and indicate a time estimate for when the university expects to respond to an appeal. The appeal procedures must be included in all denial of admission notifications to students, and must also be published on the university website. <http://csudh.edu/admissionappeals> (<http://csudh.edu/admissionappeals/>)

You may appeal your admission denial if you believe your academic or personal circumstances could not be considered adequately through the standard admission review process or that an error occurred in the application review. If you believe you have been denied admission in error, you must submit your appeal within 15 days of receipt of your denial letter (this timeline is based on Assembly Bill 670, Section 89030.7).

You may submit your complete Admission Appeal Packet to:

CSUDH Office of Admissions
Attn. Admission Decision Appeal Committee
1000 E. Victoria Street, WH-C290
Carson, CA 90747

Requirements for a Bachelor's Degree

Students seeking a baccalaureate degree from the University must complete specific requirements as determined by the Trustees of the California State University; The California Administrative Code, Title 5; and, California State University, Dominguez Hills.

Briefly summarized, the college-wide requirements include all of the following:

1. Completion of a minimum of 120-semester units of credit.
2. Completion of a minimum of 40 upper division units.
3. Completion of General Education (49-semester units, area A-F) with a GPA of 2.0 or better. (Note: Courses used to satisfy Area "A" of General Education (Basic Skills) must be at the grade level of "C-" or better to meet graduation requirements at CSU Dominguez Hills. Students who transferred in "D" grades in Basic Skills courses must repeat those courses to satisfy graduation requirements. Although these courses may have been used to determine eligibility for admission, unit credit will be granted only once for graduation purposes for the same course, regardless of the number of times the course has been repeated.
4. Satisfaction of statutory requirements in U.S. History, Constitution, and American Ideals by completing courses HIS 101 or examination and POL 101 or examination.
5. Satisfaction of the Upper-Division Writing Requirement (GWAR).
6. Completion of a major.
7. Completion of elective courses (beyond the requirements above) to reach the total of a minimum of 120-semester units of credit.
8. Resident requirements, upper division unit requirements, and grade point average requirements must be satisfied.

Placement Measures for First-Year GE Written Communication and Mathematics/Quantitative Reasoning Courses

Freshman skills assessment and placement for general education written communication and mathematics/quantitative reasoning shall be based on systemwide skills assessment standards that include the Early Assessment Program/ Smarter Balanced Achievement Levels, ACT scores and/or SAT scores, high school coursework, high school GPA and math GPA.

Skills assessments are not a condition for admission to the CSU; they are a condition of enrollment.

These skills assessments are designed to inform entering freshmen of placement in appropriate baccalaureate-level courses based on their skills and needs.

First-time freshmen in need of support as determined by the skills assessment will be placed in supported instruction. Supported instruction is designed to assist students in credit bearing courses. Students may also be required to participate in the Supportive Pathways for First-Year Students Program.

The Supportive Pathways for First-Year Students Program offers pathways and academic and social support that align with each incoming student's needs. The program's goal is to ensure that first time students successfully complete the General Education (GE) written

communication (A2) and math/quantitative reasoning (B4) requirements within their first year.

Assessments and Placement for GE Written Communication Has Fulfilled the GE Subarea A2 English Requirement.

The student has met the requirement via completion of one the following:

Advanced Placement (AP) Test

- 3 or above: AP Language and Composition
- 3 or above: Composition and Literature

College Transfer Coursework

- Completed approved college course that satisfies CSU GE Area A2 (written communication) with a grade of C- or better

Placement in a GE Subarea A2 English Course

- The student has met examination standards and/or multiple measures - informed standards via one of the criteria below:

English CASSPP/EAP Test:

- Standard Exceeded
- Standard Met and completed 12th grade approved year long English course (CSU ERWC, AP, Weighted Honors English) with grade C- or better

SAT Evidence-Based Reading and Writing Test:

- 550 or above
- 510-540 and completed 12th grade approved year-long English course (CSU ERWC, AP, Weighted Honors English) with grade C- or better English

ACT Test:

- 22 or higher
- 19-21 and completed 12th grade approved year-long English course (CSU, ERWC, AP, Weighted Honors English) with grade C- or better

High School Course and GPA:

- Weighted GPA 3.3 or above
- GPA 3.0 or above and completed approved 12th grade year-long English course (CSU, ERWC, AP, Weighted Honors English)
- GPA 3.0 or above and completed Honors English
- GPA 3.0 or above and 5 or ore years of high school English

Placement in a Supported GE Subarea A2 English Course

The student has met examination standards and/or multiple measures - informed standards via one of the criteria below:

SAT Evidence-Based Reading and Writing Test:

- 510-540 and 4 or more year of high school English

ACT Test:

- 19-21 and 4 or more years of high school English

High School Courses and GPA

- Weighted GPA 3.0 or above and 4 or more years of high school English

Placement in a Supported GE Subarea A2 English Course and Participation in the Supportive Pathways for First-Year Students Program.

Based on multiple measures evaluation, student needs additional academic support including participation in the Supportive Pathways

for First-Year Students Program. Visit csustudentsuccess.org (<https://csustudentsuccess.org/>) to learn more about this program.

Assessments and Placement for GE Mathematics/Quantitative Reasoning: Non-Math Intensive Majors (Algebra and Statistics Disciplines, Non-STEM and Exploring Students) Has Fulfilled the GE Subarea B4 Math/Quantitative Reasoning Requirement

The student has met the requirement via completion of one of the following:

Advanced Placement (AP) Test:

- 3 or above: Calculus AB
- 3 or above on AP Calculus BC
- 3 or above on AP Statistics
- 3 or above on AP Computer Science Principles

International Baccalaureate (IB) Test:

- 4 or above on Math Higher Level (HL)

College Level Examination Program (CLEP):

- 50 or above on: Calculus, College Algebra, College Algebra-Trigonometry, Pre-Calculus or Trigonometry

College Transfer Coursework:

- Completed math/quantitative reasoning college course with a C- or better that satisfies CSU GE Area B4

Placement in a GE Subarea B4 Math/Quantitative Reasoning Requirement

The student has met examination standards and/or multiple measures- informed standards via one of the following criteria:

CAASPP/EAP Math Exam:

- Standard Exceeded
- Standard Met and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better
- Standard Met and 4 or more years of high school math or quantitative reasoning

SAT Math Test:

- 570 or above
- 520 – 560 and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better

ACT Math Test:

- 23 or above
- 20-22 and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better

High School Courses and GPA:

- Weighted math GPA 3.0 or above and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better
- Weighted math GPA 3.0 or above and 5 or more years of high school math or quantitative reasoning
- Weighted high school GPA 3.7 or above
- Weighted high school GPA 3.5 or above and 4 or more years of high school math or quantitative reasoning

Placement in a Supported GE Subarea B4 Math/ Quantitative Reasoning Requirement

The student has met examination standards and/or multiple measures-informed standards via one of the criteria below:

High School GPA:

- Weighted math GPA 3.3 or above
- Weighted high school GPA 3.0 or above

Placement in a Supported GE Subarea B4 Math/ Quantitative Reasoning Requirement AND PARTICIPATION IN THE DOMINGUEZ HILLS FIRST-YEAR EXPERIENCE (dhfy) PROGRAM REQUIRED

Based on multiple measures evaluation, student needs additional academic support including participation in the Dominguez Hills First-year Experience (DHFYE) Program. Visit the <https://csustudentsuccess.org/> to learn about this program.

Assessments and Placement for GE Mathematics/Quantitative Reasoning: Pre-STEM/STEM and Other Math-Intensive Majors has Fulfilled the GE Subarea B4 Math/Quantitative Reasoning Requirement

The student has met the requirement via completion of one of the following:

Advanced Placement (AP) Test:

- 3 or above on AP Calculus AB
- 3 or above on AP Calculus BC
- 3 or above on AP Statistics
- 3 or above on AP Computer Science Principles

International Baccalaureate (IB) Test:

- 4 or above on Math Higher Level (HL)

College Level Examination Program (CLEP):

- 50 or above on: Calculus, College Algebra, College Algebra-Trigonometry, Pre-Calculus or Trigonometry

College Transfer Coursework:

- Completed math/quantitative reasoning college course with a C- or better that satisfies CSU GE Area B4

Placement in a GE Subarea B4 Math/Quantitative Reasoning Requirement

The student has met examination standards and/or multiple measures-informed standards via one of the criteria below:

CAASPP/EAP Math Exam:

- Standard Exceeded
- Standard Met and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better

SAT Math Test:

- 570 or above
- 520 – 560 and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better

ACT Math Test:

- 23 or above
- 20-22 and completed 12th grade approved year-long math course beyond Algebra 2 with a C- or better

High School Courses and GPA:

- Weighted math GPA 3.5 or above and completed 12th grade approved year-long math course beyond Algebra 2 with a grade of C- or better

- Weighted math GPA 3.5 or above and 5 or more years of high school math or quantitative reasoning
- Weighted high school GPA 3.7 or above

Placement in a Supported GE Subarea B4 Math/ Quantitative Reasoning Requirement

The student has met examination standards and/or multiple measures-informed standards via the criteria below:

High School Math GPA:

- Weighted math GPA 3.3 or above

Placement in a Supported GE Subarea B4 Math/ Quantitative Reasoning Requirement and Participation in the Dominguez hills FIRST-YEAR EXPERIENCE (dhfy) Program Required

Based on multiple measures evaluation, student needs additional academic support including participation in the DHFYE Program. Visit <https://csustudentsuccess.org/> to learn about this program.

- The goal of the Supportive Pathways for First-Year Students Program (SPFYSP) is to ensure that first-time students successfully complete the General Education (GE) written communication (A2) and math/quantitative reasoning (B4) requirements within their first year.
- Better prepare students in written composition and mathematics/quantitative reasoning before the fall term of freshman year, improving students' chances of successful completion of a baccalaureate degree.
- For general information about Dominguez Hills First-Year Experience (DHFYE) Program, visit the csustudentsuccess.org/supportive-pathways (<https://csustudentsuccess.org/supportive-pathways-first-year-students-program/>). Students are encouraged to visit the university website for DHFYE information once admitted.
- Eligible financial aid applicants with an Estimated Family Contribution (EFC) of \$6,000 or less will be eligible for waiver of the per unit DHFYE fee. For more information on assessments, placements and the Dominguez Hills First-Year Experience Program, please visit www.csustudentsuccess.org (<https://csustudentsuccess.org/>).

Academic Skills Assessment Plan (ASAP)

Students should consult an advisor upon entry to the university and every semester thereafter. For information on G.E. and other University undergraduate degree requirements (GWAR, units, academic status, statutory requirements), students need to contact an advisor in their College's Student Success Center. Students with declared majors and minors also need to consult the appropriate department(s).

Academic Skills Requirements for Undergraduate Students

Students Admitted to CSUDH Fall 1998 and After

New students enrolled at the University, fall 2018 and after are subject to the revisions to E.O. 665 contained in E.O. 1110 (2017). Effective with this executive order, the English Placement Test (EPT) and the Entry-Level Mathematics (ELM) Test shall not be offered, and the EPT and ELM committees are discontinued.

Freshman skills assessment and placement for general education written communication and mathematics/quantitative reasoning shall be based on systemwide skills assessment standards that include the

Early Assessment Program/ Smarter Balanced Achievement Levels, ACT scores and/or SAT scores, high school coursework, high school GPA and math GPA.

Skills assessments are not a condition for admission to the CSU; they are a condition of enrollment. These skills assessments are designed to inform entering freshmen of placement in appropriate baccalaureate-level courses based on their skills and needs.

First-time freshmen in need of support as determined by the skills assessment will be placed in supported instruction. Supported instruction is designed to assist students in credit bearing courses. Students may also be required to participate in the Early Start Program. The Early Start Program gives students the opportunity to earn college credit in written communication and mathematics/ quantitative reasoning the summer before their first term.

Students are no longer subject to Academic Skills Assessment Plan (ASAP) "probation" or "disqualification."

New students enrolled at the University between fall 1998 and spring 2018, are subject to System-wide Placement Test and remedial English and mathematics class requirements (E.O. 665). Non-exempt students must take the English Placement Test (EPT) and the Entry Level Mathematics (ELM) examination before registering for classes. If test results show that remedial courses in English or mathematics are needed, students must:

- Enroll in required remedial classes the first semester of attendance and thereafter;
- Pass all remedial classes in two semesters.

After two semesters, students cannot register or continue to attend classes at CSU, Dominguez Hills if all required remedial classes (ENG 88 /ENG 99 and MAT 3 /MAT 9) are not passed.

Furthermore, students are subject to Academic Skills Assessment Plan (ASAP) "probation" if they do not pass General Education level English (ENG 110 (<https://catalog.csudh.edu/search/?P=ENG%20110>) Freshman Composition Accelerated and ENG 111 (<https://catalog.csudh.edu/search/?P=ENG%20111>) Freshman Composition II) and mathematics (MAT 105 (<https://catalog.csudh.edu/search/?P=MAT%20105>) Finite Mathematics or equivalent) in four semesters.

Finally, students are subject to ASAP "disqualification" from the University if they do not pass General Education level English (ENG 110 (<https://catalog.csudh.edu/search/?P=ENG%20110>) Freshman Composition Accelerated and ENG 111 (<https://catalog.csudh.edu/search/?P=ENG%20111>) Freshman Composition II) and mathematics (MAT 105 (<https://catalog.csudh.edu/search/?P=MAT%20105>) Finite Mathematics or equivalent) classes in six semesters.

For additional information and support, students should contact the Student Success Center that houses their major or minor department. Please consult the undergraduate catalog entry for undergraduate academic advisement at CSUDH for a list of these centers with contact details. Students Admitted to CSUDH before Fall 1998.

Students Admitted to CSUDH before Fall 1998

Non-exempt students admitted and enrolled before fall 1998 are subject to Academic Skills Assessment Plan (ASAP) guidelines for completion of the English Placement Test (EPT), the Entry Level Mathematics (ELM)

examination, required remedial English and math classes, and General Education level English and math classes.

Students are subject to ASAP "probation" if they do not take the EPT and ELM and pass all required remedial English classes (ENG 88 and ENG 99) and mathematics classes (MAT 3 and MAT 9) within two semesters.

Students may be ASAP "disqualified" from the University if they do not meet these requirements and classes in four semesters.

Additionally, students are subject to ASAP "probation" if they do not pass General Education level classes in English (ENG 110 (<https://catalog.csudh.edu/search/?P=ENG%20110>) Freshman Composition Accelerated and ENG 111 (<https://catalog.csudh.edu/search/?P=ENG%20111>) Freshman Composition II) and mathematics (MAT 105 (<https://catalog.csudh.edu/search/?P=MAT%20105>) Finite Mathematics or equivalent) in four semesters. Students may be ASAP "disqualified" from the University if they do not pass the General Education level classes in six semesters.

For additional information and support, students should contact the Student Success Center that houses their major or minor department. Please consult the undergraduate catalog entry for undergraduate academic advisement at CSUDH for a list of these centers with contact details.

GWAR-Certifying Courses Graduation Requirement in Writing Proficiency (GWAR)

The California State University requires that all undergraduate students demonstrate competency in writing skills at the upper division level as a requirement for graduation.

Undergraduate students must first complete their lower division English composition courses in Area A, General Education, before attempting to complete this upper-division requirement. Fulfillment of GWAR should be undertaken at the beginning of the junior year (or 60 units) and can be met by completing an upper-division GWAR-certifying course in the major or a closely related major. Many departments and programs offer GWAR-certifying courses for their majors. Students should contact their major department to determine if such a course is offered. Students must earn a grade of C or higher to satisfy the GWAR.

Those students whose major department does not offer an upper-division GWAR-certifying course may elect to take one of the following after consulting with their major department:

- BIO 490 Senior Project
- BPH 340 Experimental Biophysics
- BUS 445 International Business
- CDV 320 Mthd & Analysis in Child Study
- CHE 360 Writing in Chemical Sciences
- CHS 300 Critical Issues in Chicana/Chicano Studies
- CJA 339 Research Methods and Communication in Criminal Justice Administration
- CLS 307 Clinical Hematology
- ENG 317 Black English Language and Culture
- ENG 350 Advanced Composition: The English Department regularly offers this GWAR-certifying course. Students must earn a grade of C or higher to satisfy the GWAR requirement.

- ENG 490 Seminar in Literature
- HIS 400 Proseminar in History
- HUS 310 Helping and Professional Relationships
- IDS 397 Writing Adjunct/IDS 398 Writing Adjunct (Competency Certification) (Students must complete both course to receive GEAR credit)
- IDS 490 Interdisciplinary Studies Senior Seminar
- KIN 330 Sport and Exercise Psychology
- LBS 370 Multicultural Studies
- MUS 486 Music History III: 1880 to Contemporary
- POL 300 Research Design in Political Science
- PUB 306 Research Methods in Public Administration
- SOC 309 Writing Skills in Sociology
- WMS 490 Senior Capstone

Transfer Certification

Students who have satisfied the Graduation Writing Assessment Requirement (GEAR) at another CSU campus in 1984 or later, but prior to matriculation at CSU, Dominguez Hills, may petition for fulfillment of GEAR at CSUDH. Students must complete a Petition for Fulfillment of GEAR (<https://www.csudh.edu/mpa/student-services/forms/>), attaching a copy of the certifying test score or copy of an official transcript and the catalog description of the pertinent coursework.

General Education Requirements for Undergraduate Students

General Education Program

Students must follow the appropriate General Education (G.E.) pattern.

Students who have maintained continuous attendance at any combination of CSU, UC, or California community college under an earlier catalog may elect to complete the G.E. pattern in effect at the time of:

1. entrance into CSUDH;
2. graduation or;
3. entrance into a California community college or state university.

Contact an advisor in your college's Student Success Center for further information.

The General Education¹ program is divided into the following areas and includes 49 total semester units:

Area A - English Language Communication and Critical Thinking (9 units)
all courses in this area require a grade of "C-" or higher

Area B - Natural Sciences & Quantitative Reasoning (13 units)
math courses in this area require a grade of "C-" or higher

Area C - Arts and Humanities (12 units)

Area D - Social Sciences (9 units)

Area E - Lifelong Learning and Self-Development (3 units)

Area F - Ethnic Studies (3 units)

¹ Students must take nine units of G.E. courses in residence at CSUDH.

Requirements (49 units)

General Education Residence Requirement: The California State University System requires all students to complete 9 semester units in general education at the campus from which they graduate. Following is the list of courses that are offered in the General Education program. These courses fulfill the objectives stated in the program description. For complete course descriptions, refer to those sections of the University Catalog that describe the programs offering the courses. All Area A courses and the Quantitative Reasoning requirement in Area B must be passed with a grade of "C-" or higher. A grade point average of 2.0 calculated at graduation, is required for the entire General Education Pattern.

Area A. English Language Communication and Critical Thinking (9 units required)

Complete one course from each of the following categories (A1, A2, A3):¹

A1. Oral Communication (3 units):

| Code | Title | Hours |
|---------|------------------------|-------|
| THE 120 | Fundamentals of Speech | 3 |

A2. Written Communication (3 units):

| Code | Title | Hours |
|-------------------|---|-------|
| ENG 108 & ENG 109 | Freshman Composition I: Stretch 1 and Freshman Composition I: Stretch 2 * | 6 |
| ENG 110 | Freshman Composition Accelerated | 3 |
| ENG 112 | Freshman Composition Supported | 3 |

* If stretch course option is selected, completion of *both* ENG 108 and 109 is required to satisfy A2. ENG 108 must be completed with a grade of CR. ENG 109 must be completed with a grade of "C-" or higher.

A3. Logical/Critical Reasoning (3 units):

| Code | Title | Hours |
|---------|---|-------|
| CSC 121 | Introduction to Computer Science and Programming I ² | 4 |
| MAT 271 | Foundations Of Higher Math | 3 |
| PHI 120 | Critical Reasoning | 3 |
| PSY 110 | Critical Thinking and Problem Solving | 3 |
| PHI 220 | Symbolic Logic | 3 |

¹ Courses in area A and area B4 must be passed with a grade of "C-" or higher.

² Meets Area A3 for the following programs, BA Computer Technology, BS Computer Science and BS Information Technology

Area B. Scientific Inquiry and Quantitative Reasoning (13 units required)

Complete one course from each of the categories (B1, B2, B3, B4, B5):²

B1. Physical Science (3 units):

| Code | Title | Hours |
|---------|----------------------------------|-------|
| CHE 102 | Chemistry For The Citizen | 3 |
| CHE 110 | General Chemistry I ³ | 5 |

| | | |
|---------|------------------------------------|---|
| EAR 100 | Physical Geology | 3 |
| GEO 200 | Physical Geography | 3 |
| PHY 100 | Patterns In Nature | 3 |
| PHY 120 | Elements Of Physics I ⁴ | 4 |
| PHY 130 | General Physics I ⁵ | 5 |

³ Students majoring or minoring in one of the natural sciences (Biology, Biochemistry, Biophysics, Chemistry, or Physics) may substitute more advanced science courses. These students should see a faculty advisor.

⁴ Meets area B1 and B3 for the following programs only: BS Biochemistry, BA Chemistry: Biochemistry Option, BA Chemistry: General Chemistry Option, BS Chemistry, BA Biology, BS Biology, Minor in Biology, Minor in Microbiology, Minor in Organic/Biochemistry, BS in Clinical Science, BS in Earth Science, BA in Physical Education: Pre-Physical Therapy Option, BS in Physics

⁵ Meets Area B1 and B3 for the following programs only: BS Biochemistry, BA Biology, BS Biology, BA Chemistry: Biochemistry Option, BS Earth Science, BA Physical Education: Pre-Physical Therapy Option, BS Quality Assurance

⁶ Meets Area B1 and B3 for the following programs only: BS Biochemistry, BS Biology, BA Chemistry: Biochemistry Option, BA Chemistry: General Chemistry Option, BS Chemistry, BS Computer Science, BS Mathematics, BS Physics, Minor in Physics

B2. Natural Sciences in Life Science (3 units):

| Code | Title | Hours |
|---------|---------------------------------------|-------|
| ANT 101 | Intro to Biological Anthro | 3 |
| BIO 102 | General Biology | 3 |
| BIO 120 | Principles of Biology I ⁶ | 3 |
| BIO 122 | Principles of Biology II ⁷ | 3 |

⁷ Meets Area B2 for the following programs only: BS Biochemistry, BA Biology, BS Biology, Minor in Biology, Minor in Microbiology, BS in Clinical Science, BS Earth Science, BA Physical Education: Pre-Physical Therapy Option

⁸ Meets Area B2 for the following programs only: BS Biochemistry, BA Biology, BS Biology, Minor in Microbiology, BS Clinical Science, BS Earth Science

B3. Natural Sciences in Science Laboratory (1 units):

| Code | Title | Hours |
|---------|---|-------|
| BIO 103 | General Biology Laboratory ⁸ | 1 |
| BIO 121 | Principles of Biology Laboratory I ⁹ | 1 |
| BIO 123 | Principles of Biology Laboratory II ¹⁰ | 1 |
| CHE 103 | Chemistry Lab for the Global Citizen | 1 |
| EAR 101 | Physical Geology Laboratory ¹¹ | 1 |

⁹ Concurrent enrollment in BIO 102 General Biology or prior life science course recommended.

¹⁰ Meets Area B3 for the following programs only: BS in Biochemistry, BS Biology, Minor in Biology, Minor in Microbiology, BS Clinical Science, BS Earth Science, BA Physical Education: Pre Physical-Therapy Option

¹¹ Meets Area B3 for the following programs only: BS Biochemistry, BA Biology, BS Biology, Minor in Microbiology, BS in Clinical Science, BS Earth Science

¹² Concurrent enrollment in EAR 100 Physical Geology or prior earth science course recommended.

B4. Quantitative Reasoning and Problem Solving (3 units): ¹

| Code | Title | Hours |
|---------|---|-------|
| MAT 105 | Finite Mathematics | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 132 | Statistics and Probability with Support | 4 |
| MAT 134 | Statistics & Probability - Supported | 4 |
| MAT 151 | College Algebra and Trigonometry | 4 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| MAT 155 | Pre-Calculus | 4 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |

¹ Courses in area A and area B4 must be passed with a grade of "C-" or higher.

B5. Integrative Studies in the Natural Sciences (3 units):

| Code | Title | Hours |
|---------|---|-------|
| BIO 336 | Environmental Biology | 3 |
| BIO 340 | Genetics | 3 |
| BSN 346 | Human Pathophysiology ¹² | 3 |
| CSC 301 | Computers And Society | 3 |
| EAR 312 | Natural Disasters | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HEA 466 | Environmental Health Problems | 3 |
| IDS 310 | Global Climate Change | 3 |
| LBS 380 | Blended Science Methods | 4 |
| SMT 310 | Science and Technology | 3 |
| SMT 314 | Introduction to Cosmology | 3 |
| SMT 410 | Development of Scientific Thinking and Theories | 3 |
| SMT 416 | Earth Science For Teacher | 3 |

¹³ Course restricted to Nursing majors

Area C. Arts and Humanities (12 units required)

Complete one course from each of the following categories (C1, C2, C3) and one additional lower division course from area C1 or C2 (4 courses total):

C1. Arts Courses (3 - 6 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 205 | Introduction to Hip Hop | 3 |
| APP 225 | Pacific Islander Culture in Oceania and the U.S. | 3 |
| ART 100 | Looking At Art | 3 |
| ART 101 | Experiencing Creative Art | 3 |
| COM 130 | Introduction to Film | 3 |
| DAN 130 | Global Dance Perspectives | 3 |

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|---------|---|---|
| ENG 271 | Introduction to Creative Writing | 3 |
| MUS 101 | Introducing Music | 3 |
| MUS 110 | Music Fundamentals | 3 |
| MUS 201 | Music in Film: From the Silent Era to The Lord of the Rings | 3 |
| MUS 250 | History of Rock | 3 |
| THE 100 | Television Film & Theatre | 3 |
| THE 160 | Acting For Non-Majors | 3 |
| WMS 330 | Queer Art and Visual Culture | 3 |

C2. Letters Courses (3 - 6 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 200 | Intro to Africana Studies | 3 |
| APP 101 | Introduction To Asian Studies | 3 |
| CHS 100 | Chicana/o Cultural Roots | 3 |
| CHS 205 | Introduction to Chicana/o Literature | 3 |
| COM 100 | Media & Society | 3 |
| ENG 230 | Literature and Popular Culture | 3 |
| FRE 220 | Second Year French | 3 |
| HUM 204 | Introduction to the Humanities | 3 |
| JPN 110 | Beginning Japanese I | 3 |
| JPN 111 | Beginning Japanese II | 3 |
| LBR 202 | Class Struggles in Film and Popular Culture | 3 |
| PHI 101 | Moral Problems | 3 |
| PHI 102 | Humanity, Nature & God | 3 |
| PHI 201 | The Good Life | 3 |
| PHI 202 | The Devil You Don't Know | 3 |
| SPA 151 | Introduction to Hispanic Culture | 3 |
| SPA 221 | Intermediate Spanish II | 3 |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | 3 |
| WMS 410 | Queer of Color Critique | 3 |

C3. Integrative Studies in the Humanities (3 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 331 | Key Movements: African Literature and Culture | 3 |
| AFS 332 | Key Movements: Harlem Renaissance | 3 |
| AFS 333 | Black Movements of the Sixties | 3 |
| AFS 334 | African Culture and Art | 3 |
| APP 314 | Asian Americans and the Media | 3 |
| APP 315 | Asian Pop Culture and Globalization | 3 |
| APP 325 | Asian Pacific Art, Music and Literature | 3 |
| APP 339 | Asian Diaspora and Transnational Asian Religions | 3 |
| APP 343 | Asian Pacific Film & Literature | 3 |
| ARH 370 | Art and Social Protest | 3 |
| CHS 340 | Native American and Chicana Women's Narrative | 3 |
| CHS 345 | Latina/o Identities in the Americas | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| ENG 360 | Heroes and Antiheroes | 3 |
| ENG 362 | Environment in Literature & Culture | 3 |
| ENG 364 | Literary Utopia | 3 |
| HIS 355 | American Civil Rights History | 3 |
| HIS 375 | Pop Culture in History | 3 |
| HIS 376 | Film As History | 3 |

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|---------|--|---|
| HUM 300 | Health Humanities | 3 |
| HUM 301 | Mind/Brain and the Arts | 3 |
| HUM 302 | Lives of Faust: Deals with the Devil | 3 |
| HUM 303 | All Creatures Great & Small: Animals from Sacred to Endangered | 3 |
| HUM 304 | Vampires | 3 |
| HUM 305 | Never Lose Infinite Hope: Imagining Justice, Cultivating Mental Wellness | 3 |
| HUM 310 | Key Concepts | 3 |
| HUM 312 | Key Movements | 3 |
| HUM 314 | Key Issues | 3 |
| IDS 312 | Interdisciplinary Approaches to the Humanities | 3 |
| LBR 310 | Success and Values | 3 |
| LBR 312 | Decade of the Sixties | 3 |
| LBR 314 | Key Issues: American Dream | 3 |
| MUS 302 | African American Music | 3 |
| MUS 312 | The Jazz Age | 3 |
| MUS 345 | Global Popular Music: Identity and Social Change | 3 |
| MUS 486 | Music History III: 1880 to Contemporary | 3 |
| NCR 390 | Fundamentals of Conflict Resolution and Peacebuilding | 3 |
| PHI 351 | Death and Dying | 3 |
| PHI 352 | Myth as Reality | 3 |
| PHI 353 | Age of Revolt | 3 |
| PHI 383 | Comparative Religions | 3 |
| SPA 310 | Romantic Love in the Western Tradition | 3 |
| SPA 312 | Hispanic Literature, Art and Culture | 3 |
| SPA 313 | Encountering the Other | 3 |
| THE 313 | Voices of Contemporary Women Playwrights | 3 |
| THE 315 | Key Concepts: The American Musical | 3 |
| THE 317 | Theatre of Revolt | 3 |
| THE 319 | The Power of Masks | 3 |
| WMS 310 | The Witch in Literature | 3 |
| WMS 311 | Comedy, Sex and Gender | 3 |
| WMS 314 | Feminism and Film | 3 |
| WMS 315 | Literary Topics in Gender Studies and Sexuality Studies | 3 |
| WMS 380 | Gender and Sexuality in Popular Culture | 3 |

Area D. Area of the Social Sciences (9 units required)

Complete one course from each of the following categories (D1, D2, D3). Courses must be taken from more than one department (e.g., if you satisfy D1 and D2 with anthropology courses, then D3 category *cannot* be satisfied with an anthropology course. At least one area D course must be from a different department).

D1. Perspectives on Individuals, Groups and Society (3 units):

| Code | Title | Hours |
|---------|---------------------------------------|-------|
| AFS 220 | African World Peoples & Soc. | 3 |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| CDV 150 | Intro Child Development | 3 |

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|---------|--|---|
| ECO 200 | Contemporary Econ Issues | 3 |
| ECO 210 | Economic Theory 1A Micro | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| IDS 210 | Introduction to Environmental Studies | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| LBR 101 | Introduction to Labor Studies: Work, Wealth and Power | 3 |
| LBS 205 | Child and Adolescent Development | 3 |
| NCR 291 | Psychology of Peacebuilding | 3 |
| PSY 101 | General Education Psychology: Understanding Human Behavior | 3 |
| SOC 101 | The Individual In Society | 3 |
| SOC 102 | Understanding Social Relationships in a Global Perspective | 3 |
| WMS 200 | Foundations in Queer Studies | 3 |
| WMS 250 | Foundations in Women's Studies | 3 |

D2. Global and Historical Perspectives (3 units):

| Code | Title | Hours |
|---------|---|-------|
| AFS 201 | African World Civilizations | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| ENG 150 | Languages of the World | 3 |
| GEO 100 | Human Geography | 3 |
| HIS 120 | World History I | 3 |
| HIS 121 | World History II | 3 |
| LBR 200 | Labor and the Environment | 3 |
| MGT 200 | Global Organizational Ethics and Social Responsibility | 3 |
| POL 100 | General Education Political Science: World Perspectives | 3 |

D3. Integrative Studies in the Social Sciences (3 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 310 | The African American Experience in the US | 3 |
| AFS 311 | Afro Latinidad & the Caribbean | 3 |
| AFS 312 | Cultural Pluralism: Ethnic & Global Society | 3 |
| ANT 312 | Language And Culture | 3 |
| ANT 330 | North American Indians | 3 |
| ANT 334 | Mesoamerica Past and Present | 3 |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | 3 |
| ANT 337 | Ethnography and Film | 3 |
| ANT 338 | Mainland Southeast Asia | 3 |
| ANT 342 | South America | 3 |
| ANT 371 | Historical and Cultural Perspectives in Disability Studies | 3 |
| APP 311 | Contemporary Issues in Asian American Communities | 3 |
| APP 318 | Vietnamese, Cambodian, and Lao Americans: Culture, History, and Identity | 3 |
| APP 327 | Values and Communication of Asian Pacific Cultures | 3 |
| APP 335 | Asian Pacific Culinary Culture | 3 |

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| APP 350 | Asian-Pacific Gender and Family | 3 |
| BSN 306 | Cult Diversity Healthcare ¹³ | 3 |
| CHS 323 | Latina/o Perspectives on U.S. Immigration and Citizenship | 3 |
| CHS 330 | Latina/o Identities in U.S. | 3 |
| CHS 335 | Urban Youth Gangs in Los Angeles | 3 |
| GEO 318 | Cultural Pluralism The Human Environment: Methods of Knowledge and Truth | 3 |
| HEA 468 | Multicultural Health | 3 |
| HIS 340 | American West | 3 |
| HIS 348 | Labor In American Society | 3 |
| HIS 352 | Topics in United States Foreign Relations History | 3 |
| HIS 354 | History of American Immigration | 3 |
| HIS 356 | American Environmental History: American Environment from Pre-Contact (prior to 1500) to the Present | 3 |
| HIS 380 | Women In History | 3 |
| IDS 304 | Issues in Global Studies | 3 |
| IDS 318 | Interdisciplinary Approach to Cultural Pluralism | 3 |
| ITC 300 | Security in a Digital Society | 3 |
| LBR 313 | The Future of Workers and Work | 3 |
| LBR 316 | Working Class and Education | 3 |
| LBR 350 | Research Methods for Social Change | 3 |
| LBR 365 | Racial Capitalism | 3 |
| LBS 370 | Multicultural Studies | 5 |
| MLG 318 | New Perspectives on Language and Sex | 3 |
| NCR 391 | Restorative Justice | 3 |
| POL 350 | History of Political Ideas | 3 |
| POL 351 | Modern Political Thought | 3 |
| POL 354 | American Political Thought | 3 |
| SBS 318 | Cultural Pluralism: | 3 |
| SPA 318 | Movements of Latin America | 3 |
| WMS 318 | Race, Class and Gender | 3 |
| WMS 340 | Politics of Women's (Un)Paid Labor | 3 |
| WMS 390 | Transnational Feminisms | 3 |

¹³ Restricted to Nursing Majors

Area E. Lifelong Learning and Self-Development (3 units)

Select one of the following:

| Code | Title | Hours |
|---------|---|-------|
| BUS 100 | Entrepreneurship For Everyone | 3 |
| CIS 275 | Internet Literacy | 3 |
| ENG 107 | Reading & Writing LA | 3 |
| FIN 200 | Personal Finance for Non-Finance Majors | 3 |
| HEA 100 | Health & Lifestyles | 3 |
| HEA 104 | Food, Health and Environment | 3 |
| HEA 201 | Healthcare Systems and Perspectives | 3 |
| KIN 235 | Lifetime Fitness | 3 |
| LIB 151 | Fundamentals of Information Literacy | 3 |
| LBR 201 | Work/Life: Purpose, Power, and Identity | 3 |

| | | |
|---------|---|---|
| REC 100 | Dimensions Of Leisure | 3 |
| UNV 101 | Personal, Social and Intellectual Development | 3 |

courses that may be considered as college preparatory, students should consult their advisor or the University Advisement Center (WH A-220).

Area F. Ethnic Studies (3 units)

Select one of the following. May be fulfilled by approved upper division.

| Code | Title | Hours |
|---------|---|-------|
| AFS 100 | The African American Experience | 3 |
| AFS 212 | Intro To Comp Eth & Global Soc | 3 |
| AFS 231 | Africana Literary Traditions | 3 |
| APP 201 | Introduction to Asian American Studies | 3 |
| APP 212 | Introduction to Comparative Ethnic and Global Societies | 3 |
| CHS 125 | Chicano/Latino Musical Culture | 3 |
| CHS 212 | Introduction to Comparative Ethnic Studies | 3 |

General Education

All students graduating from CSU Dominguez Hills are required to complete 49 semester units in General Education, distributed as follows:

1. 9 semester units of English Language, Communication and Critical Thinking
2. 10 semester units of Natural Sciences and Quantitative Reasoning;
3. 12 semester units of Arts and Humanities;
4. 9 semester units of Social Science;
5. 3 semester units of Objectives for Lifelong Learning and Self-Development; and
6. 3 semester units of Ethnic Studies.

At least 9 semester units must be earned at CSU Dominguez Hills (see separate General Education (<https://catalog.csudh.edu/general-information/general-education-requirements-undergraduate-students/>) section.)

Statutory Requirement (6 units)

Students must satisfy requirements in U.S. history and U.S. and California government by completing the following:

| Code | Title | Hours |
|--------------------|---|----------|
| HIS 101 | History Of United States (or articulated course at a California Community College or examination) | 3 |
| POL 101 | American Institutions | 3 |
| Total Hours | | 6 |

Certification of General Education Lower Division Credit

Accredited postsecondary colleges and universities offering the B.A. or B.S., or the first two years of such degree programs, may certify completion of the lower division General Education requirements according to procedures specified in CSU Executive Order 1100. An additional nine semester units of upper division General Education courses must be completed at CSU Dominguez Hills. (See "General Education (p. 113)" section of this catalog.)

General Education Certification

Accredited community colleges and public four-year colleges may sanction (certify) that all or part of General Education requirements (post 1980), have been met. Transfer students with complete certification of California State University General Education breadth requirements or the CSU version of the Intersegmental General Education Transfer Curriculum (IGETC) requirements are not required to complete additional lower division courses in general education. Transfer students should request General Education certification from their community colleges. An additional nine semester units of upper division General Education courses must be completed at CSU Dominguez Hills.

Double Counting of General Education Courses

General Education courses may be double-counted in either the major or the minor. Even though students may double-count certain General Education courses, they will not receive additional unit credit towards graduation by double-counting. For example, a double-counted course counts three units (not six) towards graduation.

Double Counting General Education Courses

General Education courses may be double-counted in either the major or the minor. Even though students may double-count certain General Education courses, they will not receive additional unit credit towards graduation by double-counting. For example, a double-counted course counts three units (not six) towards graduation. Please consult the University Catalog and/or an academic advisor for more information.

Major and Minor

All students must complete a major as one of the university requirements for graduation. Departments that offer single field majors do not require a minor; however, those majors not designated as single field may require completion of a minor as part of their major requirements. In each major or minor field, a grade point average of 2.0 (C) or better is required.

No course may count in both the major and minor unless it is a prerequisite for both. If upper division course requirements overlap, additional courses may need to be taken to fulfill unit requirements of both the major and minor. A student should see his/her advisor to make substitutions.

Credit for Remediation

Undergraduate students may enroll in college preparatory course work (001-099) for credit, but the credit will not be counted as part of the 120-132 units required for graduation. Students will be allowed to enroll in college preparatory courses only if their performance on a screening test indicates pre-collegiate work is necessary. Students are not allowed to challenge college preparatory courses. Remedial courses will be offered on a "CR/NC" basis only. For further information regarding

Double Major or Minor

A student may complete an additional minor or second major. Units used to satisfy the requirements for an additional major or minor cannot have been used in the first major or minor. The student shall declare the second major or minor at the time the Application for Graduation is

filed and have the appropriate advisement form submitted. Whenever a double major is used to satisfy graduation requirements, the upper division courses must not overlap. The completion of an additional major or minor will be noted on the official transcript. A student who completes requirements for two majors under a single degree, BA or BS, may have both majors recorded on the diploma. A student who completes two majors leading to different degrees, for example, philosophy (BA) and public administration (BS), must declare one major as the degree major, in order to determine the appropriate degree to be awarded and notation for the diploma. A student will not be granted two diplomas and two degrees, as distinguished from two majors, at the same time. Note: The residency requirement for a second major is the same as for the primary major. 12 upper division units at CSU Dominguez Hills.

Double Concentration

A student may complete a double concentration but only the primary concentration will be printed on the transcript and diploma.

Same Field Major and Minor

Students may major and minor in the same field as long as a minimum of 12 units is unique to the minor and not double counted in the major. Course substitutions may be allowed for any course that is in both the major and the minor with appropriate departmental approval.

Special Major

The University offers a special major at both the undergraduate and graduate level. A student seeking this degree has the opportunity to engage in individualized courses of study when appropriate academic and professional goals are not accommodated by standard campus degree programs. For further information, see "Special Major" in the "Academic Programs (p. 43)" section of this catalog.

Substitutions and Waivers of Course Requirements

Any requests for substitutions or waivers of major/minor course requirements should be directed to the department chair or program coordinator.

Grade Point Average Requirements

A minimum grade point average of 2.0 is required for:

1. all units attempted at CSU Dominguez Hills;
2. all units attempted (combination of CSU Dominguez Hills units and transfer units);
3. all units attempted for the major;
4. all units attempted for the minor or thematic project;
5. all units attempted for the major in a single field;
6. all units attempted for the double major;
7. all courses in General Education Area A must be passed with a grade of "C" or higher. In all other areas, a grade point average of 2.0 for all courses used in General Education, calculated at graduation, is required.

Unit Requirements

A minimum of 120 semester units is required for the bachelor's degree.

Upper Division Units

A minimum of 40 semester units of upper division credit must be completed.

Residence Units

A minimum of 30 semester units must be completed in residence at CSU Dominguez Hills, of which 24 shall be earned in upper division courses and 12 upper division units shall be in the major. When a minor is declared, at least one-half of all upper division units earned for the minor must be completed in residence at CSU Dominguez Hills.

Credit by examination may not be used to fulfill the minimum residence requirement.

Up to 24 units of coursework taken in non-matriculated status through Open University may be used to fulfill the minimum residency requirement.

Credit received in summer session or January session at CSU Dominguez Hills may be counted as residence credit.

At least nine units of General Education must be completed at CSU Dominguez Hills.

Electives

In addition to the General Education course requirements and the major-minor course requirements, additional courses as elective units may be required to complete the minimum 120 unit requirement for graduation.

Electives chosen by the student to complete the minimum requirements for graduation may be selected to broaden general education and vocational interests.

Undergraduate Academic Advisement

Good academic advising is a key to obtaining the best college education possible – an education that is intellectually stimulating, supportive of the student's career goals, and personally meaningful and rewarding.

Good advising represents a partnership in which student and advisor use their respective expertise to facilitate the student's learning and decision-making. This section of the University Catalog will describe the major aspects of the advising system at CSU Dominguez Hills. Read the entire section to gain an understanding of the overall system and then concentrate on the particular subsections of greatest relevance to your advising needs.

For new students, the advising process should include participation in a New Student Orientation. This orientation will introduce key campus administrators and services and fellow students; provide an overview of graduation requirements; facilitate course selection by providing the opportunity to work with an academic advisor; answer any questions; and, perhaps most importantly, make it more likely to develop those campus bonds which lead to a rewarding and successful college education.

It is highly recommended that each student meet with an advisor at least once each semester and strive for comprehensive advising. Advising goals vary, but comprehensive advising will:

1. provide a context for students to formulate, develop and achieve their educational goals;

2. support integration of student learning experiences; and
3. encourage maximum attainment of individual student potential.

Students should contact their Student Success Center in order to make an advising appointment or, alternatively, login to the Toro Success Collaborative portal to directly book an appointment with an advisor in their Student Success Center. Please see the end of this catalog section for a list of each of the Student Success Centers and the colleges and major programs they serve. Students who have yet to declare a major at CSUDH may either select a center from this list based on their interests, or alternatively, login to the Toro Success Collaborative portal to directly book an appointment with an advisor who works with exploring students. Please note, transfer students should bring their Academic Requirement Report as well as previous transcripts with them when first seeking advisement. The Academic Requirement Report is an easy tool which allows you to identify outstanding requirements for graduation. The Academic Requirement Report uses a simple color-coded system. Every student should access their Academic Requirement Report every semester.

Advisors will assist students in planning their academic programs, but students ultimately are responsible for meeting all prerequisites and requirements of the degree program.

Students are also urged to read the information under "Counseling Programs" and to avail themselves of the many types of personal and career guidance that are available at the University.

Pre-admission and Admissions Advising

New students wanting information about college life or to begin the application process, should contact Outreach and School Relations, WH C-245, (310) 243-3696. All questions about admissions requirements, transfer of previous course work, application deadlines, and other parts of the application process should be directed to this office.

Information concerning the academic programs, instructional facilities and faculty at CSU Dominguez Hills may be obtained from Outreach and School Relations or the appropriate academic department(s).

Required Advising Sessions

There are three times when a student is required to seek advisement and obtain an advisor's written approval prior to registration:

- Upon first entering the University.
- At the beginning of the junior year (60 semester units).
- At the beginning of the senior year (90 semester units).

In addition to the above three times, many departments or programs require additional advising sessions. Use the following guidelines:

- Declared majors - Students should check with their major department to determine policy.
- Exploring Students - Students must obtain advising from one of the Student Success Centers (see below).
- Educational Opportunity Program (EOP) - Such students must obtain advising from an EOP academic advisor.
- Admission Exceptions (Special Admits) - For their first year on campus, Special Admits must obtain advising at their Student Success Center (see below)
- Students who find themselves on Academic Notice (see policy on academic disqualification)

Failure to obtain the required advising will prevent the student from registering for classes.

Department Advisors

In addition to advisement provided through the Student Success Centers, many academic departments have faculty, who serve as academic advisors / mentors for their program. These faculty advisors are available throughout the academic year, and students are urged to meet with an advisor at least once each semester in addition to any required advising sessions. Students can learn more about which programs have faculty advisors either through their program of study or by discussing with their academic advisor in their Student Success Center.

Students should bring their Academic Requirement Report and transcripts of all college work when seeking advisement. In the advising sessions, the student and the advisor develop a proposed course of study for the student based on his/her interests, and educational and career objectives. Together they check the student's progress toward graduation and discuss matters relevant to the student's education.

To obtain an appointment with a departmental advisor, students should contact the appropriate department or college office, or, alternatively, contact the appropriate Student Success Center below.

Obtaining an Academic Advisor

Use the following guidelines for obtaining an academic advisor:

Declared Majors and Minors

Declared majors and minors should contact the Student Success Center that houses their major or minor department to obtain an advisor (see below). Students should bring their Academic Requirement Report to all meetings with an advisor.

Exploring Students

Students who have yet to declare a major at CSUDH may either select a Student Success Center based on their interests, or alternatively, login to the Toro Success Collaborative portal to directly book an appointment with an advisor who works with exploring students

Special Majors and Minors

Special Majors and Minors should contact the Office of Academic Programs, WH-440 (310) 243-3308.

Educational Opportunity Program (EOP)

Educational Opportunity Program students must contact the EOP Office, WH D-350, (310) 243-3632.

List of Student Success Centers

College of Arts and Humanities Student Success Center

Office: LIB 5515
University Library, North Building, Fifth Floor
Email (cahsuccess@csudh.edu) | Website (<https://www.csudh.edu/cah/ssc/>) | (310) 243-3264

College of Business Administration and Public Policy Student Success Center

Office: I&I 1100, 3400
Innovation & Instruction Building, First & Third Floor

Email (cbappundergrad@csudh.edu) | Website (<https://www.csudh.edu/cbapp/student-services/academic-advising/undergraduate-advisement-center-and-student-support/>) | (310) 243-3561

College of Education Student Success Center

Office: COE 1401

College of Education Building

Email (coe_success@csudh.edu) | Website (<https://www.csudh.edu/liberal-studies/advising-support/>) | (310) 243-2276

College of Health, Human Services and Nursing Student Success Center

Office: WH A210

Welch Hall Building, Second Floor

Email (chhsnadvising@csudh.edu) | Website (<https://www.csudh.edu/chhsn/chhsn-student-success-center/>) | (310) 243-2120

College of Natural and Behavioral Sciences Student Success Center

Office: SBS A306

Social and Behavioral Sciences Building, Third Floor

Email (cnbsadvising@csudh.edu) | Website (<https://www.csudh.edu/cnbs/student-success-center/>) | (310) 243-3535

Undergraduate Enrollment Policies

Class Level

Undergraduate students are assigned a class level according to the following plan:

Lower Division

Freshman: 0 - 29 semester units

Sophomore: 30 - 59 semester units

Upper Division

Junior: 60 - 89 semester units

Senior: 90 or more semester units

Credit by Examination

Students may challenge courses by taking examinations developed at CSU Dominguez Hills. Credit shall be awarded to those who pass them successfully.

General Conditions

1. A registered student may receive credit by examination for courses in which he/she is eligible to enroll.
2. The student should contact the office of the appropriate department to initiate the procedure.
3. Each department will maintain a current listing of courses that may or may not be taken as credit by examination.
4. The student will select a traditional letter grade or CR/NC option, in accordance with policies applicable to regular course enrollment.
5. Credit by examination will not be given for course work that an academic department deems inappropriate or impossible to evaluate.
6. The same course can be taken only once as credit by examination.
7. Credit by examination will not be given for a course if the student has already received credit for a similar but more advanced course.
8. Units earned by credit by examination may not be used to fulfill the minimum residence requirement.

Procedure for Courses Listed in the Class Schedule

1. The student enrolls in the course by the end of the first week of the semester.
2. The student completes a "Petition for Credit by Examination" form obtained from the Office of Admissions and Records and submits it to the department chair by the second week of classes.
3. The department verifies the student's eligibility for credit by examination, approves or denies the petition, and notifies the student. If approved, an examination appointment is scheduled prior to the end of the second week of the semester.
4. The student is notified by the instructor of the results of the examination during the third week of the semester. If the examination is passed, the grade is submitted to the Office of Admissions and Records by the end of the third week. The student's name will remain on the roster and the grade will appear on the semester grade report. If the examination is failed, the student has two options:
 - a. for baccalaureate students only, remain enrolled in the course with the permission of the instructor and complete it according to standard procedure, or
 - b. officially drop the course before the end of the third week.
5. The course grade will appear on the student's permanent record with the other grades for the semester.
6. The Vice President of Academic Affairs may waive any additional fees incurred by enrollment in the course taken for credit by examination if the student, through petition, can demonstrate that said fees create an unusual and significant hardship.

Procedure for Courses Not Listed in the Class Schedule

1. The student completes a "Petition for Credit by Examination" form obtained from the Office of Admissions and Records and submits it to the department chair by the second week of classes.
2. The department verifies the student's eligibility for credit by examination, approves or denies the petition, and notifies the student. If approved, the department will add the class to the schedule for the semester, write in the schedule number on the top of the form and schedule an examination appointment prior to the end of the second week.
3. The student must officially add the class using the schedule number on a "Change of Program" form and pay any additional fees (unless waived by the appropriate dean, see #6 above) by the end of the third week.
4. The student is notified by the instructor of the results of the examination during the third week of the semester. If the examination is passed, the grade is submitted to the Office of Admissions and Records by the end of the third week. The student's name will remain on the roster and the grade will appear on the semester grade report. If the examination is failed, the student must officially drop the course by the end of the third week.
5. The course grade will appear on the student's permanent record with the other grades for the semester.

Enrollment in Graduate Courses by Seniors

Students in their senior year may petition to take two courses that are not used to fulfill requirements for the bachelor's degree. Approval must be obtained from the appropriate graduate program coordinator prior to registration in order to receive graduate credit for courses taken in the senior year. Petitions are available in the Office of Admissions.

Scholastic Notice and Disqualification

Undergraduate Academic Notice and Disqualification

For purposes of determining a student's eligibility to remain at CSU Dominguez Hills, both quality of performance and progress toward her/his objective shall be considered. Such eligibility is based upon a grade-point computation.

Administrative-Academic Notice

An undergraduate student may be placed on administrative academic notice for the following reasons:

1. Withdrawal from all or a substantial portion of a program of study in two successive terms or in any three terms (Note: Students with chronic or recurring medical conditions may be exempt).
2. Repeated failure to progress toward a degree or other program objective, when circumstances are within their control. This includes a student who receives 15 units of "No Credit" for course work attempted.
3. After due notice, an academic requirement or regulation that is routine for all students is not met (e.g. failure to take placement tests, complete required practicum, comply with appropriate professional standards for the discipline, complete the specified number of units, make satisfactory progress as required for financial aid, etc.).

If a student is placed on administrative academic notice, a written notification will be provided that describes the circumstances that led to the action, the requirements necessary to be removed from this status, and the conditions that may lead to disqualification.

Administrative-Academic Disqualification

A student who has been placed on administrative academic notice may be disqualified from further attendance if:

1. The conditions for removal of administrative academic notice are not met within the period specified.
2. The student becomes subject to academic notice while on administrative academic notice.
3. The student becomes subject to administrative academic notice the second time for the same or similar reason(s). When such action is taken, the student shall receive written notification including an explanation of the basis for the action.

In addition, the Provost may disqualify a student who at any time during enrollment demonstrates behavior unfit for the standards of the profession for which the student is preparing. In such cases, disqualification will occur immediately upon notice to the student, which shall include an explanation of the basis for the action. Furthermore, the campus may require the student to discontinue enrollment as of the date of the notification.

Academic Notice

An undergraduate student is subject to academic notice if at any time the cumulative grade point average in all college work attempted or the cumulative Dominguez Hills grade point average falls below 2.0. The student shall be advised of notice status promptly. A student shall

be removed from academic notice when the cumulative grade point average in all college work attempted and the Dominguez Hills grade point average is 2.0 or higher.

Academic Disqualification

A student on academic notice is subject to academic disqualification when:

1. As a freshman (fewer than 30 semester hours of college work completed) the student falls below a grade point average of 1.50 in all units attempted or in all units attempted at California State University, Dominguez Hills.
2. As a sophomore (30 through 59 semester hours of college work completed) the student falls below a grade point average of 1.70 in all units attempted or in all units attempted at California State University, Dominguez Hills.
3. As a junior (60 through 89 semester hours of college work completed) the student falls below a grade point average of 1.85 in all units attempted or in all units attempted at California State University, Dominguez Hills.
4. As a senior (90 or more semester hours of college work completed) the student falls below a grade point average of 1.95 in all units attempted or in all units attempted at California State University, Dominguez Hills.

A student who is not on notice is subject to academic disqualification when:

1. At the end of any term a student falls below a cumulative grade point of 1.0; and
2. The University Provost determines that in view of the student's overall educational record, it seems unlikely that the deficiency will be removed within a reasonable period of time.

Notice of Disqualification – Undergraduate Students

Students who are disqualified at the end of any enrollment period should be notified before the beginning of the next consecutive enrollment term (spring or fall). Students disqualified at the beginning of a summer enrollment break should be notified at least one month before the start of the fall term. In a case where a student should be disqualified at the end of a term but timely notification is not possible, the student will be notified that the disqualification may be effective at the end of the next term. Such notification should include any condition(s) that will allow the student to continue in enrollment. Failure to notify students does not create the right of the student to continue enrollment.

Readmission of Disqualified Students

For information, refer to the section "Readmission of Former Students."

Satisfactory Academic Progress (Financial Aid)

In addition to maintaining "good academic standing" at all times to progress towards degree completion, students receiving financial and must maintain satisfactory academic progress in order to remain eligible to receive financial aid. Refer to the Financial Aid website for specific information required to maintain satisfactory academic progress for financial aid purposes.

Academic Renewal

Students who desire the University to disregard up to three quarters or two semesters of previous undergraduate course work taken at any college or university from all considerations associated with requirements for the baccalaureate degree may submit a petition to the Student Academic Petitions and Appeals Committee. The petition is filed with the Office of Admissions. The circumstances under which previous work might be removed would consist of ALL of the following:

1. the student has presented evidence that work completed in the term(s) under consideration is substandard and not representative of present scholastic ability and level of performance; and
2. the level of performance represented by the term(s) under consideration was due to extenuating circumstances; and
3. there is every evidence that the student would find it necessary to complete additional units in order to raise his/her overall grade point average to a 2.0 level for graduation if the request was not approved; and
4. none of the units removed through academic renewal may be used to satisfy graduation requirements.

The committee may provide approval if:

1. five years have elapsed since the most recent work to be disregarded was completed; and
2. the student has completed 15 semester units at CSU Dominguez Hills with at least a 3.0 grade point average, or 30 semester units with at least a 2.5 grade point average, or 45 semester units with at least a 2.0 grade point average (since the most recent work to be disregarded was completed).

In the case of admission from other colleges where removal of work from degree consideration has occurred such action shall be honored according to the previous college's policy. However, elimination of any work in a term shall reduce by one term the one-year maximum on work that may be disregarded at the college to which the applicant seeks admission.

Upon approval, the Office of Admissions and Records annotates the student's permanent record so that it is readily evident to all users of the record that no work taken during the disregarded quarter(s) or semester(s), even if satisfactory, may apply toward baccalaureate requirements.

Continuing Students

Catalog Rights – Requirements Under Which a Student Graduates

A student remaining in continuous attendance at CSU Dominguez Hills, at any California community college or any combination of California community colleges and campuses of The California State University, for purposes of meeting graduation requirements, may elect to meet the requirements in effect either:

1. at the time such attendance began; or
2. at the time of entrance to CSU Dominguez Hills; or
3. at the time of graduation.

A student who changes his or her major or minor may be required to meet the requirements in effect at the time of the change.

Continuous attendance for students seeking an undergraduate degree or credentials is defined as matriculated enrollment in a regionally accredited college or university at least one semester (or two quarters) each calendar year. A student with a graduate degree objective must maintain continuous attendance defined as attendance in regular or special session each fall and spring semester of the academic year. Attendance in summer session is not required. Catalog rights may be maintained when you are absent through a planned educational leave. Even though degree requirements may remain constant due to catalog rights, students are required to meet the prerequisites of courses as stated in the current catalog.

Educational Leave (Planned)

A Planned Educational Leave is defined as a planned interruption or temporary cessation of a student's formal education in which the student voluntarily and temporarily ceases enrollment at CSU Dominguez Hills while pursuing other educationally related activities to enrich his/her academic program or to clarify educational goals. The leave may be used for any number of educationally related activities including travel, independent study, work study or attendance at another institution. The intent of the program is to make it possible for a student to suspend academic work, leave the campus and later resume studies with a minimum of procedural difficulty. Petitions are available at the Office of Admissions.

Eligibility

Any registered undergraduate student, in good academic standing, is eligible for the Planned Educational Leave Program.

Duration of Leave

The minimum leave shall be two full semesters; the maximum, two calendar years.

Fees

Students meeting all conditions of the approved leave shall be required to submit an application for readmission on returning from Planned Educational Leave, but shall not be required to pay another application fee.

Availability of Services

A student on Planned Educational Leave shall be expected to devote his/her leave period to off-campus activities. The student shall be classified as "on leave" and shall not be considered a regularly enrolled student. Therefore, the student is not entitled to the campus services normally provided to enrolled students, except that the student may confer with his/her academic advisor and others regarding leave activity and plans for re-enrollment.

Resumption of Formal Education

A student shall be guaranteed reentry and retention of registration priority if all conditions of the approved leave have been met at the conclusion of his/her Planned Educational Leave. Every effort shall be made to facilitate and simplify the return. For purposes of election of graduation requirements, the approved leave shall not constitute an interruption of attendance provided the student registers in the same major. Students

who fail to resume studies at the prearranged time shall forfeit the advantages of the Planned Educational Leave Program.

Student Record Entry

Each student enrolled in the program will have an entry made on his/her permanent record indicating that the student is on leave. The dates of the beginning and conclusion of the leave also will be recorded.

Academic Credit

Students must obtain prior approval of the Registrar's Office to enroll for credit at another institution of higher education. Any credit earned will be treated as transfer credit to be evaluated and entered in student records in the customary manner.

Compliance

Any student on Planned Educational Leave who does not comply with all provisions of this policy and the conditions of the leave is subject to forfeiture of the advantages of this program.

Application Procedures

1. A registered student may request a Planned Educational Leave. The petition shall include an explanation of the student's reasons for seeking an educational leave and when he/she intends to resume academic work.
2. The request shall be initiated by the student and be reviewed by the Office of Admissions. If the request is approved, the registrar shall take steps to insure the student's reentry and retention of registration priority, and make the appropriate entry in the student's academic record.
3. The request shall be approved only after contractual agreements (e.g., financial aid) have been satisfactorily terminated or renegotiated.
4. A registered student may file a petition for a Planned Educational Leave at any time; however, the leave must commence at the beginning of the following semester.
5. Permission for a Planned Educational Leave must be requested and approved in advance of the term the leave is to begin; a leave will not be granted retroactively.
6. Students whose Planned Educational Leaves will take them out of California are advised to consult the Office of Admissions regarding residency requirements.

Continuing Student Status

Undergraduate and post-baccalaureate students may elect to be absent for one semester without losing eligibility for re-registration, subject to the following conditions:

1. Registration access will not be provided to students who were scholastically disqualified following their most recent semester of attendance at CSU Dominguez Hills.
2. Students who attend another college or university during an absence from CSU Dominguez Hills must file an application for admission as a returning student and must have official transcripts of work attempted sent to the Office of Admissions. The nonrefundable \$70 application fee is required.
3. Undergraduate students who graduate from CSU Dominguez Hills and wish to continue as graduate students must file a new application for admission. An application fee of \$70 is required.

Absence due to an approved Planned Educational Leave shall not be considered an interruption in attendance.

Students who have completed the maximum number of units required for the degree may maintain continuous attendance after completion of their course work requirement by enrolling in regular university courses.

An academic year begins in the fall and consists of two consecutive semesters, fall and spring.

Full-Time Status

Undergraduates are considered to be full-time students during any semester when they are enrolled in 12 units or more. However, graduation in four years' time requires completion of 15 units each semester.

Study Load for Undergraduate Students

A student may enroll in 18 units without an advisor's written approval unless otherwise required. Students enrolling in 19-21 units are required to have an advisor's written approval. Students enrolling in more than 21 units must also obtain the approval of the dean of the school in which the student is majoring. Exploring students must obtain the approval of the director of the College Student Success Center.

Dean's List

Undergraduate students will qualify for the Dean's List in each semester in which they earn a grade point average of 3.5 or better in 12 or more units of letter grade courses. The designation "Honors" will appear on the official transcript.

Graduation with Honors for Students Completing the Baccalaureate Degree

An undergraduate student who has completed a minimum of 36 units in residence at CSU Dominguez Hills with a grade point average of 3.40 or better may be a candidate for graduation with honors.

The criteria for graduation with honors are:

1. a minimum of 36 units in residence;
2. a minimum grade point average of 3.40 on all units taken at CSU Dominguez Hills;
3. a cumulative grade point average as outlined below on all acceptable undergraduate work:
 - 3.40 - 3.59 Cum Laude
 - 3.60 - 3.79 Magna Cum Laude
 - 3.80 - 4.00 Summa Cum Laude

Cumulative Grade Point Average on all Acceptable Undergraduate Work

Individual departments may also have departmental honors policies which are described in the program section.

Students who achieve the above honors will have the information recorded on their transcripts and diplomas.

University Graduation Requirements

Statutory Requirements: United States History, Constitution and American Ideals

To qualify for graduation, each student shall demonstrate knowledge of the Constitution of the United States and American history, including the study of American institutions and ideals, and the principles of state and local government established under the Constitution of the state of California.

These statutory requirements may be satisfied by completion of POL 101 American Institutions and HIS 101 History Of United States, or by passing comprehensive examinations in each of these fields. Students who have fulfilled the American History and the United States Constitution and government section of the state requirements may fulfill the California state and local government section by successfully completing POL 312 State and Local Government: Organization and Problems or by passing a comprehensive examination. (Contact the Political Science Department, (310) 243-3434 for further information.) Students transferring from other colleges who have not already met one or more of these requirements may take examinations in those parts not met. Students transferring from other accredited institutions of collegiate grade, who have been certified by such institutions as meeting these requirements, shall not be required to take further courses or examinations therein.

Graduation Requirement in Writing Proficiency (Graduation Writing Assessment Requirement - GWAR)

The California State University requires that all undergraduate students demonstrate competency in writing skills at the upper division level as a requirement for graduation.

Undergraduate students must first complete their lower division English composition courses in Area A, General Education, before attempting to complete this upper-division requirement. Fulfillment of GWAR should be undertaken at the beginning of the junior year (or 60 units) and can be met by completing an upper-division GWAR-certifying course in the major or a closely related major. Many departments and programs offered GWAR-certifying courses for their majors. Students should contact their major department to determine if such a course is offered. Students must earn a grade of C or higher to satisfy the GWAR.

Those students whose major department does not offer an upper-division GWAR-certifying course may elect to take one of the following after consulting with their major department:

- BIO 490 Senior Project
- BPH 340 Experimental Biophysics
- BUS 445 International Business
- CDV 320 Mthd & Analysis in Child Study
- CHE 360 Writing in Chemical Sciences
- CHS 300 Critical Issues in Chicana/Chicano Studies
- CJA 339 Research Methods and Communication in Criminal Justice Administration
- CLS 307 Clinical Hematology
- ENG 317 Black English Language and Culture

- ENG 350 Advanced Composition: The English Department regularly offers this GWAR-certifying course. Students must earn a grade of C or higher to satisfy the GWAR requirement.
- ENG 490 Seminar in Literature
- HIS 400 Proseminar in History
- HUS 310 Helping and Professional Relationships
- IDS 397 Writing Adjunct/IDS 398 Writing Adjunct (Competency Certification) (Students must complete both course to receive GWAR credit)
- IDS 490 Interdisciplinary Studies Senior Seminar
- KIN 330 Sport and Exercise Psychology
- LBS 370 Multicultural Studies
- MUS 486 Music History III: 1880 to Contemporary
- POL 300 Research Design in Political Science
- PUB 306 Research Methods in Public Administration
- SOC 309 Writing Skills in Sociology
- WMS 490 Senior Capstone

Transfer Certification

Students who have satisfied the Graduation Writing Assessment Requirement (GWAR) at another CSU campus in 1984 or later, but prior to matriculation at CSU, Dominguez Hills, may petition for fulfillment of GWAR at CSUDH. Students must complete a Petition for Fulfillment of GWAR at the Toro Learning & Testing Center, attaching a copy of the certifying test score or copy of an official transcript and the catalog description of the pertinent coursework. CSU, Dominguez Hills Testing Center, North Library 5705, (310) 243-3909.

Application for Graduation - Undergraduate

Undergraduate students should file for graduation in accordance with the following schedule:

| Graduation Term | Regular Deadline | Late Deadline |
|-----------------|------------------|---------------------------|
| Fall Semester | July 1 | September 15 |
| Spring Semester | October 1 | Last day of fall semester |
| Summer Session | February 1 | April 15 |

Schedule for Application for Graduation - Undergraduate

Note: If the above dates should fall on a weekend or holiday, the deadline will be at the close of business on the previous working day.

All eligible degree candidates must file an Application for Graduation via their myCSUDH student portal no later than the deadline date(s) listed above.

Completion of degree requirements is the student's responsibility, and therefore, each student should be familiar with the information and procedures regarding graduation. For assistance in reviewing requirements, a student should meet with an advisor. If a student does not complete all graduation requirements by the end of the term for which she/he files, the student must file a Request for Change of Graduation Date and pay the required fee.

The original graduation check is valid as long as the student remains in continuous attendance and completes the program under the originally stated catalog year. Most students will run a degree audit in myCSUDH.edu. (<https://my.csudh.edu/>) Only students in majors that do not have a degree audit will receive a degree check.

Faculty Approval

Formal approval by the faculty of the University is required in order for a degree to be awarded.

Graduation in Absentia

Students who have completed their residency requirements may request approval to graduate from CSU Dominguez Hills upon completion of course work at another regionally accredited institution. Students who do not maintain continuing student status, as defined, but who plan to complete degree requirements at another institution must obtain approval to graduate in absentia in advance; individual courses must be approved by the appropriate program chair. All such work must be completed within two years of the last course taken at CSU Dominguez Hills. Students not fulfilling these conditions will be expected to meet all requirements in effect at the date of their graduation. Forms can be obtained from the Registrar's Office.

Commencement Exercises

Commencement Ceremonies are held at the end of each spring semester. Students who have completed their degree requirements in the previous fall semester, and those who will complete their course work in the spring or summer semesters, are eligible to participate in the Commencement Ceremony. **Participation in the Commencement Ceremony does not automatically guarantee a degree is awarded.** Students must meet all degree requirements by the end of the term they have applied for; failure to meet requirements will not allow degree conferral. Students must apply for one of these graduation terms by April 15th to ensure that their name will appear in the Commencement Program.

After a student applies for graduation, a Commencement Participation link will be available in their student portal under "Important Student Links." Students must register through this link by April 15th to participate in the Spring Commencement Ceremony.

Dates are subject to change and will be updated on the Commencement website at www.csudh.edu/commencement (<http://www.csudh.edu/commencement/>)

Final eligibility reviews of applications occur after the end of the semester(s) and once completed, diplomas will be mailed to students who have met all their degree requirements after verifications have been completed.

Postbaccalaureate Credentials and Certificates

POSTBACCALAUREATE CREDENTIALS AND CERTIFICATES

Postbaccalaureate Admission Requirements

The minimum requirements for admission to post-baccalaureate studies at a California State University campus are in accordance with University regulations as well as Title 5, Chapter 1, Subchapter 3 of the California Code of Regulations.

Specifically, a student shall at the time of enrollment:

1. have completed a four-year college course of study and hold an acceptable baccalaureate degree from an institution accredited by a regional accrediting association, or shall have completed equivalent academic preparation as determined by appropriate campus authorities;
2. be in good academic standing at the last college or university attended;
3. have earned a grade point average of at least 2.5 on the last degree completed by the candidate or have attained a grade point average of at least 2.5 (A=4.0) in the last 60 semester (90 quarter) units attempted; and
4. satisfactorily meet the professional, personal, scholastic, and other standards for graduate study, including qualifying examinations, as appropriate campus authorities may prescribe.

Students who meet the minimum requirements may be considered for admission in either the Classified or Conditionally Classified standing:

- **Postbaccalaureate Classified, e.g. admission to an education credential program** – Persons wishing to enroll in a credential or certificate program, will be required to satisfy additional professional, personal, scholastic, and other standards, including qualifying examinations, prescribed by the campus; or
- **Postbaccalaureate Unclassified** – To enroll in undergraduate courses as preparation for advanced degree programs or to enroll in graduate courses for professional or personal growth, applicants must be admitted as postbaccalaureate unclassified students. By meeting the general requirements, applicants are eligible for admission as postbaccalaureate unclassified students. Admission in this status does not constitute admission to, or assurance of consideration for admission to, any graduate degree or credential program. (Most CSU campuses do not offer admission to unclassified postbaccalaureate students). These and other CSU admission requirements are subject to change as policies are revised and laws are amended. The CSU website (<https://www2.calstate.edu/>) admissions portal (<https://www2.calstate.edu/apply/>) is a good source of the most up-to-date information.

Special Admission Action

In unusual circumstances, a campus may make exceptions to the enrollment criteria.

An applicant who does not qualify for admission under the regular admission criteria may be admitted to a program by special action if, upon the basis of acceptable evidence, the applicant is judged by the specific program director, College Dean, and Dean of Graduate Studies and Research to possess sufficient academic and professional potential pertinent to the educational objectives to merit such action.

Graduates of Non-Regionally Accredited Institutions

Graduates of non-regionally accredited institutions are not typically eligible for postbaccalaureate standing. However, admission to a postbaccalaureate credential or certificate program may be conditionally granted via the Special Admission Action process if the applicant has completed equivalent academic preparation as determined by the appropriate graduate program director and the Dean of Graduate Studies and Research.

Applicants who have completed their baccalaureate degree at a nationally accredited or nonaccredited university must consult with the department chair or program director (<https://www.csudh.edu/gsr/dean/>)

staff/), as the guidance on how to proceed will be highly specific to each applicant's individual circumstances.

Postbaccalaureate Application Procedures and Policies

CSU Dominguez Hills welcomes applications from students without regard to age, marital status, religion, sexual identity, gender identity, sex assigned at birth, disability, race, color, or national origin who provide evidence of suitable preparation for work at the postbaccalaureate level.

Students are advised to contact the appropriate credential or certificate program office before applying to the program.

All applicants to graduate programs must file a complete application to each university of interest as described in the graduate admission materials at www.calstate.edu/apply (<http://www.calstate.edu/apply/>). An acknowledgment will be sent to the applicant when the online application is submitted.

Applicants must submit the admission file by the specific program's deadline. Contact the Graduate Studies and Research (<http://www.csudh.edu/gsr/>) office for current deadlines.

Most departments require additional application materials for students seeking a postbaccalaureate certificate or credential. Applicants should consult the program sections of this catalog for specific program requirements.

Admission to the University is for a specific semester. Students who do not register for that semester will have their admission cancelled. When seeking admission at a future date, students must file a new application form, follow the complete application procedure, pay the application fee, and meet the current admission requirements. Transcripts on file will be retained for one year.

The University reserves the right to select its students and deny admission to the University or any of its programs at the University, based on an applicant's suitability and the best interests of the University.

Application Filing Periods

Applications to post-baccalaureate programs will open according to the schedule below:

| Terms | Applications First Accepted | Initial Filing Period |
|-----------------|-----------------------------|-----------------------|
| Fall Semester | October 1 | |
| Spring Semester | August 1 | |
| Summer Semester | February 1 | |

Please note, that not all programs are open for admission to every term. Each postbaccalaureate program that accepts students has its own application deadline. Some programs accept students only in the fall or spring semester. Individual programs must be consulted for deadline dates and admissions requirements.

Postbaccalaureate Transcript Requirements

One official copy of your transcripts is required from each institution attended at which the last 60 semester (90 quarter) units of upper-division course work were earned, excluding extension units. One copy from the institution awarding the baccalaureate degree must be included.

All transcripts must be received directly from the issuing institutions. All transcripts become the property of the University and will not be returned, copied, or forwarded. Processing of applications cannot be guaranteed unless all required documents are received during the designated

application period. Persons who have transcripts sent but who do not enroll are advised that transcripts are retained for one year, after which they are destroyed.

Any student who earned a bachelor's degree at CSU Dominguez Hills and subsequently applies for graduate admission to this institution is not required to request or pay for transcripts from CSUDH.

Test Requirements

Students applying to Basic Credential programs must pass the CBEST prior to admissions. Please check with your program of interest if any additional examinations may be required.

International Student Admission Requirements

U.S. resident students who completed their baccalaureate education abroad and in a primary language of instruction other than English must submit academic records from foreign institutions prior to the application deadline. If these records are not in English, they must be accompanied by certified English translations.

International students, defined as those who hold U.S. temporary visas, exchange visitors, or in other nonimmigrant classifications, must submit additional documents. Verification of English proficiency, financial resources, and academic performance are each important considerations for admission under a supported student visa. International applicants are required to comply with the following additional requirements and instructions:

- Academic records from foreign institutions must be on file prior to the application deadline and, if not in English, must be accompanied by certified English translations.
- International visa applicants are required to submit an affidavit of financial support. This form is available from the Office of Admissions.
- Effective August 1, 1995, as a condition of receiving an I-20 or IAP-66 form, all F-1 and J-1 visa applicants must agree to obtain and maintain health insurance as a condition of registration and continued enrollment in the California State University. Such insurance must be in amounts as specified by the United States Information Agency (USIA) and NAFSA: Association of International Educators.

As noted above, all official documents submitted become the property of the University and will not be returned, copied, or forwarded. The acceptability of any international work will be determined by the University. For more information, visit the International Students website: <http://csudh.edu/international> (<http://csudh.edu/international/>).

Readmission of Former Postbaccalaureate Students

All postbaccalaureate students who have withdrawn from the University or failed to enroll for a second consecutive semester must reapply for admission.

A student who left the University in good standing may be readmitted provided any academic work attempted elsewhere does not change their scholastic status. Transcripts of any courses attempted in the interim are required.

A student who was on academic notice at the close of the last semester of enrollment may be readmitted on academic notice provided they are otherwise eligible. The student must have official transcripts of any course work attempted during their absence sent to the University.

Postbaccalaureate Advisement Following Admission

Advisement is generally done within the specific post-baccalaureate program or department.

Adding a Credential or Certificate Within a Degree Program

Some degree programs offer options that differ significantly in academic course work and prepare students for singularly different careers. Graduate students wishing to complete a credential or certificate alongside their master's degree program at CSU Dominguez Hills may do so by completing the Graduate Change of Objective form. Students must meet all requirements for the new program. All university policies governing postbaccalaureate credential and degree programs apply in the same manner to the added option.

Immunization Requirements

The CSU requires all students to receive certain immunizations, as described on the Student Health Services website: <https://www.csudh.edu/shs/immunization-requirements/>. (<https://www.csudh.edu/shs/immunization/>)

Students who have questions about the immunization requirements, or who need to discuss an exemption from the requirements based on medical considerations or religious or personal beliefs, should contact the Student Health Center at (310) 243-3629.

Postbaccalaureate Academic Standards

Grade Point Average

The grade point average at CSU Dominguez Hills is computed on a 4-point scale. A specified number of grade points is associated with each grade listed in the "Grades and Grade Points" section. Credit/No Credit ("CR/NC") grades have no grade point value and are not calculated in the grade point average.

The total grade points are calculated by multiplying the number of grade points associated with the grade assigned by the number of units for each class. The grade point average is computed by dividing the total number of grade points earned by the total number of units attempted.

To remain in good academic standing, a student must maintain a cumulative GPA of 2.5 or higher, maintain a 2.5 GPA in all courses used to fulfill the program requirements, and make successful progress toward the certificate or credential.

To earn the certificate or credential, the grade point average of 2.5 is calculated on all courses used to fulfill the program requirements. No course with a grade lower than a "C" will be applied to the postbaccalaureate program. No student on academic notice may be granted a postbaccalaureate certificate or credential.

Prerequisites

The grade point average required in prerequisite courses varies according to the particular program. See specific program requirements in the program sections of this catalog.

Scholastic Notice and Disqualification

Academic notice and Disqualification

Postbaccalaureate students are placed on academic notice if they fail to maintain a cumulative grade point average of 2.5 across all postbaccalaureate units attempted. If they do not bring their grade point average up to 2.5 in the following semester in residence, they are subject to disqualification from the program in which they are enrolled.

Some students may be able to avoid disqualification one time if their department offers a study plan that is approved by the Dean of Graduate Studies and Research.

Students who have been disqualified for academic deficiency will be withdrawn from their certificate or credential program and may not enroll in any courses offered by the University other than those offered by Open University through Extended Education.

Administrative-Academic notice

A postbaccalaureate student may be placed on administrative-academic notice by action of appropriate campus officials for any of the following reasons:

1. Withdrawal from all or a substantial portion of a program of study in two successive terms or in any three terms.
2. Repeated failure to progress toward the stated program objective when such failure appears to be due to circumstances within the control of the student.
3. Failure to comply with an academic requirement or regulation that is routine for all students or for a defined group of students (for example, failure to take placement tests, failure to complete a required internship, etc.).

When such action is taken, the student shall be notified in writing and shall be provided with the conditions for removal from academic notice and the circumstances that would lead to disqualification should academic notice not be removed.

Administrative-Academic Disqualification

A student who has been placed on administrative-academic notice may be disqualified and withdrawn from the certificate or credential program for any of the following reasons:

1. The conditions for removal of administrative-academic notice are not met within the period specified.
2. The student becomes subject to academic notice while on administrative-academic notice.
3. The student becomes subject to administrative-academic notice for the same or similar reason they were previously placed on administrative-academic notice, even if the first notice was successfully remediated.

When such action is taken, the student shall receive a written notification, including an explanation of the basis for the action.

Reinstatement of Academically Disqualified Students

The reinstatement of an academically disqualified postbaccalaureate student is by special action only. Students must submit a Petition for Reinstatement, available on the Graduate Studies and Research website (<https://www.csudh.edu/gsr/>) or in the Graduate Studies office. Students cannot apply for readmission through the Cal State Apply process.

Students will only be considered for reinstatement after a minimum of one-semester non-attendance following academic disqualification. Approval of reinstatement is partially based on evidence that the causes of previous low achievement have been removed or resolved. At a minimum, Petitions for Reinstatement must include a Statement of Low Achievement that explains, in detail, how the causes of low achievement have been corrected and what plans are in place to ensure future academic success. Students may choose to provide supplemental evidence, which could include, but is not limited to,

transcripts of coursework completed after disqualification, medical testimony, and/or other objective evidence.

To prove their academic ability, academically disqualified postbaccalaureate students may also complete courses through CSUDH Open University or at other regionally accredited academic institutions. Reinstated students are not guaranteed to receive content credit for coursework completed during disqualification. Grades earned elsewhere will not reduce the CSUDH grade-point deficiency or change the CSUDH grade-point average; grades earned elsewhere serve only as indicators of academic ability. Units earned will not be counted towards university residency requirements. Successful completion of coursework does not guarantee reinstatement to the University or to the certificate or credential program from which the student was disqualified.

Students who have been disqualified from a postbaccalaureate program may be admitted to another postbaccalaureate program on the recommendation of the department concerned and with the approval of the appropriate College Dean and the Dean of Graduate Studies and Research.

Petitions for Reinstatement and supplemental attachments should be submitted to the graduate program director of the disqualifying program. Submission deadlines are as follows:

Petitions for Reinstatement Submission Deadlines

| Reinstatement Term | Submission Deadlines |
|--------------------|----------------------|
| Fall Semester | May 31 |
| Spring Semester | December 15 |
| Summer Semester | Not Accepted |

The University reserves the right to request additional information from the student regarding their Petition for Reinstatement. Students will be notified of the reinstatement decision in writing by the Office of Graduate Studies and Research approximately 4 – 6 weeks after submitting the petition. Decisions are final and cannot be appealed.

If the Petition for Reinstatement is approved, the student will have to agree to the terms and/or conditions identified by the program. Postbaccalaureate students are restricted to a maximum of one reinstatement after academic disqualification.

Continuing Student Status

Postbaccalaureate students may elect to be absent for one semester without losing eligibility for re-registration, subject to the following conditions:

1. Registration access will not be provided to students who were scholastically disqualified following their most recent semester of attendance at CSU Dominguez Hills.
2. Students who attend another college or university during an absence from CSU Dominguez Hills must file an application for admission as a returning student and must have official transcripts of work attempted sent to the Office of Admissions. The non-refundable \$70 application fee is required.
3. Absence due to an approved Planned Educational Leave shall not be considered an interruption in attendance.

Completion of Postbaccalaureate Credential or Certificate

The award of postbaccalaureate credentials and certificates to students who have met the program requirements is managed by the department

offering the credential or certificate. Please contact the specific program for more information about obtaining confirmation that a credential or certificate has been earned.

Second Baccalaureate Degrees

Second Baccalaureate Degree

Students seeking a second or additional baccalaureate degree must satisfy all requirements for the degree. However, as post-baccalaureate students, they are also subject to additional requirements.

To be eligible for admission as a Second Baccalaureate degree candidate, students must:

- hold a bachelor's degree from an accredited institution;
- be in good academic standing at the last college or university attended; and
- have a minimum grade point average of 2.50 in their last 60 semester units (or 90 quarter units).

Due to increased enrollment demands, some CSU campuses do not admit second or additional baccalaureate degree applicants.

Degree Requirements

- Students may elect a regular major or a single field major.
- No minor is required.
- Students must satisfy all requirements for the degree.
- Students must meet all statutory requirements.
- Students who are undertaking a second baccalaureate degree will be deemed to have met the Graduation Writing Assessment Requirement (GWAR) if their first baccalaureate degree is from an institution of higher education accredited by a U. S. regional accreditor. All other candidates must satisfy the GWAR requirement as outlined in the Undergraduate Degree section of this catalog.
- Students are not eligible for honors.
- Courses taken as part of a second baccalaureate degree cannot apply to graduate work except as allowed for in the "Enrollment in Graduate Courses by Seniors" policy explained elsewhere in this catalog.

In addition, students must:

- complete requirements in a discipline other than that in which a previous degree was earned; units from the first degree may not be counted; specific courses may be waived and other courses substituted;
- receive program approval; requirements must be agreed upon in writing by the department chairperson and kept on file in the department office before 14 units are completed;
- complete a minimum of 30 units in residence, including 24 units in upper-division courses, which include 12 units in the major;
- maintain at least a 2.50 grade point average in all courses taken for the degree to remain in good academic standing.

Graduate Degrees

GRADUATE DEGREES

Graduate And Post-Baccalaureate Admission Requirements

Graduate and post-baccalaureate applicants may apply for a degree objective, a credential or certificate objective, or where approved, may have no program objective. Depending on the objective, the CSU will consider an application for admission as follows:

- General Requirements – The minimum requirements for admission to graduate and post-baccalaureate studies at a CSU are in accordance with university regulations as well as Title 5, Chapter 1, Subchapter 3 of the California Code of Regulations.
- Specifically, a student shall at the time of enrollment:
 1. Have completed a four-year college course of study and hold an acceptable baccalaureate degree from an institution accredited by a regional accrediting association, or shall have completed equivalent academic preparation as determined by appropriate university authorities;
 2. Be in good academic standing at the last college or university attended;
 3. Have earned a grade point average of at least 2.5 on the last degree completed by the candidate or have attained a grade point average of at least 2.5 (A=4.0) in the last 60 semester (90 quarter) units attempted; and
 4. Satisfactorily meet the professional, personal, scholastic, and other standards for graduate study, including qualifying examinations, as appropriate university authorities may prescribe. In unusual circumstances, a university may take exceptions to these criteria.
- Students who meet the minimum requirements for graduate studies may be considered for admission in either the Classified or Conditionally Classified standing:
 - a. **Graduate Classified** – To pursue a graduate degree, applicants are required to fulfill all of the professional, personal, scholastic, and other standards, including qualifying examinations, prescribed by the university; or
 - b. **Graduate Conditionally Classified** – Applicants may be admitted to a graduate degree program in this category if, in the opinion of appropriate university authority, deficiencies may be remedied by additional preparation.
 - c. **Post-Baccalaureate Classified** (e.g. admission to an education credential program) – Persons wishing to enroll in a credential or certificate program will be required to satisfy additional professional, personal, scholastic, and other standards, including qualifying examinations, prescribed by the university; or
 - d. **Post-Baccalaureate Unclassified** – To enroll in undergraduate courses as preparation for advanced degree programs or to enroll in graduate courses for professional or personal growth, applicants must be admitted as post-baccalaureate unclassified students. By meeting the general requirements, applicants are eligible for admission as post-baccalaureate unclassified students. Admission in this status does not constitute admission to, or assurance of consideration for admission to, any graduate degree or

credential program. (Most CSUs do not offer admission to unclassified post-baccalaureate students).

(These and other CSU admission requirements are subject to change as policies are revised and laws are amended. The CSU website and the CSU admission portal are good sources for the most up-to-date information.)

Special Admission Action

In unusual circumstances, a campus may make exceptions to the enrollment criteria.

An applicant who does not qualify for admission under the regular admission criteria may be admitted to a program by special action if, upon the basis of acceptable evidence, the applicant is judged by the specific Graduate Program Director, College Dean, and Dean of Graduate Studies and Research to possess sufficient academic and professional potential pertinent to the educational objectives to merit such action.

Graduates of Non-Regionally Accredited Institutions

Graduates of non-regionally accredited institutions are not typically eligible for graduate standing. However, admission to a graduate program may be conditionally granted via the Special Admission Action process if the applicant has completed equivalent academic preparation as determined by the appropriate Graduate Program Director and the Dean of Graduate Studies and Research.

Applicants who have completed their baccalaureate degree at a nationally accredited or nonaccredited university must consult with the specific Graduate Program Director, as the guidance on how to proceed will be highly specific to each applicant's individual circumstances.

Graduate And Post-Baccalaureate Application Procedures

All graduate and post-baccalaureate applicants (i.e., doctorate, joint Ph.D. applicants, master's degree applicants, those seeking educational credentials or certificates and, where permitted, holders of baccalaureate degrees interested in taking courses for personal or professional growth) must file a complete graduate application as described in the graduate and post-baccalaureate admission materials on the Cal State Apply website. Applicants seeking a second bachelor's degree must submit the undergraduate application for admission. Applicants who completed undergraduate degree requirements in the preceding term are also required to complete and submit an application and the \$70 nonrefundable application fee. To be assured of initial consideration by more than one CSU, it is necessary to submit separate applications (including fees) to each. All CSU applications must be submitted online via the Cal State Apply website. An acknowledgement will be sent to the applicant when the online application has been submitted.

CSU Dominguez Hills welcomes applications from students without regard to age, marital status, religion, sexual identity, gender identity, sex assigned at birth, disability, race, color, or national origin who provide evidence of suitable preparation for work at the graduate level.

Students are advised to contact the appropriate graduate program office before applying to the program.

Applicants must submit the admission file by the specific program's deadline. Contact the Graduate Studies and Research (<https://www.csudh.edu/gsr/>) office for current deadlines.

Most departments require additional application materials for students seeking a master's degree. Applicants should consult the program sections of this catalog for specific program requirements.

Admission to the University is for a specific semester. Students who do not register for that semester will have their admission cancelled. When seeking admission at a future date, students must file a new application form, follow the complete application procedure, pay the application fee, and meet the current admission requirements. Transcripts on file will be retained for one year.

Note: Students receiving their bachelor's degree from Dominguez Hills who wish to continue into a graduate program at Dominguez Hills must complete an application through www.calstate.edu/apply (<http://www.calstate.edu/apply>) and be accepted into the graduate program; admission is not guaranteed.

The University reserves the right to select its students and deny admission to the University or any of its programs at the University, based on an applicant's suitability and the best interests of the University.

Application Filing Periods

Applications to graduate programs will open according to the schedule below:

| Terms | Applications First Accepted | Initial Filing Period |
|-----------------|-----------------------------|-------------------------|
| Fall Semester | October 1 | October 1 - November 30 |
| Spring Semester | August 1 | August 1 -31 |
| Summer Semester | February 1 | February 1 - 28 |

Please note, not all programs are open for admission to every term. Each graduate program that is accepting students has its own application deadline. Some graduate programs accept students only in the fall or spring semester. Individual programs must be consulted for deadline dates and admissions requirements.

Filing Period Duration

Each non-impacted university accepts applications until capacities are reached. Many universities limit undergraduate admission in an enrollment category due to overall enrollment limits. If applying after the initial filing period, consult the university admission office for current information.

Application Acknowledgement

On-time applicants may expect to receive an e-mail acknowledgement from the universities to which they have applied within two to four weeks of filing the application. The notice may include a request that applicants submit additional records necessary to evaluate academic qualifications. Applicants may be assured of admission if the evaluation of relevant qualifications indicates that applicants meet CSU admission requirements, and in the case of admission impactation, supplemental criteria for admission to an impacted program. Unless specific written approval/confirmation is received, an offer of admission is not transferable to another term or to another university.

Hardship Petitions

The university has established procedures for consideration of qualified applicants who would be faced with extreme hardship if not admitted. Petitioners should write to the university Admission Office regarding specific policies governing hardship admission.

Graduate Transcript Requirements

One official copy of your transcripts is required from each institution attended at which the last 60 semester (90 quarter) units of upper-division course work were earned, excluding extension units. One copy from the institution awarding the baccalaureate degree must be included.

All official transcripts must be received directly from the issuing institutions. All transcripts become the property of the University and will not be returned, copied, or forwarded. Processing of applications cannot be guaranteed unless all required documents are received during the designated application period. Persons who have transcripts sent but who do not enroll are advised that transcripts are retained for one year, after which they are destroyed.

Any student who earned a bachelor's degree at CSU Dominguez Hills and subsequently applies for graduate admission to this institution is not required to request or pay for transcripts from CSUDH.

Test Requirements

The Graduate Record Examination (GRE), GRE Advanced Tests in subject areas, and/or combined scores may be required for some programs. Examination schedules and additional information about the GRE is available at <https://www.ets.org/gre>. Please consult the graduate program directly for information about that program's requirements. It is the responsibility of the applicant to request that test scores be mailed directly to the CSU Dominguez Hills graduate program of interest.

Graduate And Post-Baccalaureate English Language Requirement

All graduate and post-baccalaureate applicants, regardless of citizenship, whose native language is not English and whose preparatory education was principally in a language other than English must demonstrate competence in English. Those who do not possess a bachelor's degree from a postsecondary institution where English is the principal language of instruction must receive a minimum score of 80 on the Test of English as a Foreign Language (TOEFL), 6.5 on IELTS Academic Test, 53 on Pearson Test of English (PTE), or 105 on the Duolingo English Test (DET). Some programs require a higher score. Contact the specific graduate program of interest for details.

CSUDH Minimum English Proficiency Standards

| English Test | Level | Minimum Passing Score |
|--------------------------------|----------|--|
| TOEFL iBT | Graduate | 80 |
| IELTS Academic Test | Graduate | 6.5 |
| Pearson Test of English (PTE) | Graduate | 6.5 |
| Duolingo Test of English (DET) | Graduate | 105 (The MA in English program requires 120) |

International (Foreign) Student Admission Requirements

The CSU must assess the academic preparation of foreign students. For this purpose, "foreign students" include those who hold U.S. temporary visas as students, exchange visitors or in other nonimmigrant classifications.

The CSU uses separate requirements and application filing dates in the admission of foreign students. Verification of English proficiency (see section on the English Language Requirement for undergraduate applicants), financial resources, and academic performance are each

important considerations for admission. Academic U.S. resident students who completed their baccalaureate education abroad and in a primary language of instruction other than English must submit academic records from foreign institutions prior to the application deadline. If these records are not in English, they must be accompanied by certified English translations. Additionally, the Graduate English Language Requirement must be met (see above).

International students, defined as those who hold U.S. temporary visas, exchange visitors, or in other non-immigrant classifications, must submit additional documents. International applicants are required to comply with the following additional requirements and instructions:

- Academic records from foreign institutions must be on file prior to the application deadline and, if not in English, must be accompanied by certified English translations.
- International visa applicants are required to submit an affidavit of financial support. This form is available from the Office of Admissions.
- Effective August 1, 1995, as a condition of receiving an I-20 or IAP-66 form, all F-1 and J-1 visa applicants must agree to obtain and maintain health insurance as a condition of registration and continued enrollment in the California State University. Such insurance must be in amounts as specified by the United States Information Agency (USIA) and NAFSA: Association of International Educators.

As noted above, all official documents submitted become the property of the University and will not be returned, copied, or forwarded. The acceptability of any international work will be determined by the University. For more information visit the International Students website: <http://csudh.edu/international> (<http://csudh.edu/international/>).

Readmission of Former Graduate Students

All graduate students who have withdrawn from the University or failed to maintain continuous enrollment must reapply for admission.

A student who left the University in good standing may be readmitted provided any academic work attempted elsewhere does not change their scholastic status. Transcripts of any courses attempted in the interim are required.

A student who was on academic notice at the close of the last semester of enrollment may be readmitted on academic notice provided they are otherwise eligible. The student must have official transcripts of any course work attempted during their absence sent to the University.

Credit for Transfer of Graduate Work

In order to have courses considered for receipt of credit toward a degree for post-baccalaureate work taken at other colleges or universities, students must have official transcripts forwarded to the Office of Admissions. The University will consider credit for work taken at another college or university only when it appears on an official transcript from that institution. A maximum of nine semester units of approved credit may be transferred from an accredited college or university for a 30-unit program. Programs with a unit requirement that exceeds 30 units may allow more than 9 units, but may not exceed 30% of the total units for the degree. Rounding up is not permitted. All approval of previous course work is at the discretion of the Graduate Program Director, depending upon its currency and its applicability to the degree objectives.

The work must have been completed as a graduate student (not including student teaching), and must be relevant to the degree program as a whole.

Extension courses may apply, and will be included as part of the maximum of nine units allowable, if the transcript clearly indicates that the course would have applied toward a graduate degree at the sponsoring institution.

The formal request for transfer of graduate credit must be completed and approved by the Graduate Program Director and submitted to the Registrar's Office for final review.

Transferred courses are subject to the regulation that courses for the graduate degree must be completed within the five- or seven-year period at the term of graduation, as stipulated by the graduate program. Outdated transfer course work from other colleges or universities is not eligible for validation.

Second Master's Degree

Students may wish to pursue a second master's degree. If they are still enrolled in the first program, they may complete the Request for Post-Baccalaureate/Graduate Change of Objective form in the Graduate Studies Office. The form will be forwarded to the Graduate Program Director for approval. Students must be careful to monitor their time in the first program in relation to the second as the 5-7 year time limit will apply to both programs beginning at the time of acceptance into each individual program. A student enrolled in two master's programs must graduate from both during the same term. If the student chooses to graduate from one before the other they must reapply to the University and be accepted back into the second program. Units used for the first degree may not be applied to the second.

Second Option or Concentration Within a Degree Program

Some degree programs offer options that differ significantly in academic course work and prepare students for singularly different careers. Students wishing to complete a second concentration or option in the same degree program at CSU Dominguez Hills may do so by completing the Graduate Change of Objective form. Students must meet all requirements for the new option or concentration. All university policies governing master's degrees apply in the same manner to the second option or concentration.

Immunization Requirements

The CSU requires all students to receive certain immunizations, described on the Student Health Services website: <https://www.csudh.edu/shs/immunization-requirements/>. (<https://www.csudh.edu/shs/immunization/>)

Students who have questions about the immunization requirements, or who need to discuss an exemption from the requirements based on medical considerations or religious or personal beliefs, should contact the Student Health Center at (310) 243-3629.

Graduate Advisement Following Admission

All newly admitted graduate students must attend the New Graduate Student Orientation provided by the Graduate Studies and Research office in the term immediately prior to enrollment (i.e., summer NGSO for Fall admissions and winter session NGSO for Spring admissions).

Graduate advisement is generally done within the specific graduate program or department.

Graduate Academic Standards

Grade Point Average

The grade point average at CSU Dominguez Hills is computed on a 4-point scale. A specified number of grade points is associated with each grade listed in the "Grades and Grade Points" section. Credit/No Credit ("CR/NC") grades have no grade point value and are not calculated in the grade point average.

The total grade points are calculated by multiplying the number of grade points associated with the grade assigned by the number of units for each class. The grade point average is computed by dividing the total number of grade points earned by the total number of units attempted.

To remain in good academic standing, a student must maintain a cumulative GPA of 3.0 or higher, maintain a 3.0 GPA in all courses used to fulfill graduation requirements, and make successful progress toward the degree. For some graduate programs, a grade of "B" (3.0) or higher is required in some or all courses.

For graduation, the grade point average of 3.0 is calculated on all courses used to fulfill the master's degree program. No course with a grade lower than a "C" will be applied to the degree program. No student on academic academic notice may be granted a master's degree.

Prerequisites

The grade point average required in prerequisite courses varies according to the particular program. See specific program requirements in the program sections of this catalog.

Scholastic Notice and Disqualification

Academic notice and Disqualification

Graduate students are placed on academic notice if they fail to maintain a cumulative grade point average of 3.0 across all post-baccalaureate units attempted. If they do not bring their grade point average up to 3.0 in the following semester in residence, they are subject to disqualification from the program in which they are enrolled. Some students may be able to avoid disqualification one time if their department offers a study plan that is approved by the Dean of Graduate Studies and Research.

Students who have been disqualified for academic deficiency will be withdrawn from their degree program and may not enroll in any courses offered by the University other than those offered by Open University through Extended Education.

Administrative-Academic notice

A graduate student may be placed on administrative-academic notice by action of appropriate campus officials for any of the following reasons:

1. Withdrawal from all or a substantial portion of a program of study in two successive terms or in any three terms.
2. Repeated failure to progress toward the stated degree objective or other program objective, when such failure appears to be due to circumstances within the control of the student.
3. Failure to comply with an academic requirement or regulation that is routine for all students or for a defined group of students (for example, failure to take placement tests, failure to complete a required internship, etc.).

When such action is taken, the student shall be notified in writing and shall be provided with the conditions for removal from academic notice and the circumstances that would lead to disqualification should academic notice not be removed.

Administrative-Academic Disqualification

A student who has been placed on administrative-academic notice may be disqualified and withdrawn from the graduate program for any of the following reasons:

1. The conditions for removal of administrative-academic notice are not met within the period specified.
2. The student becomes subject to academic notice while on administrative-academic notice.
3. The student becomes subject to administrative-academic notice for the same or similar reason they were previously placed on administrative-academic notice, even if the first notice was successfully remediated.

When such action is taken, the student shall receive written notification including an explanation of the basis for the action.

Reinstatement of Academically Disqualified Students

The reinstatement of an academically disqualified graduate student is by special action only. Students must submit a Petition for Reinstatement, available on the Graduate Studies and Research website (<https://www.csudh.edu/gsr/>) or in the Graduate Studies office. Students cannot apply for readmission through the Cal State Apply process.

Students will only be considered for reinstatement after a minimum of one-semester non-attendance following academic disqualification. Approval of reinstatement is partially based on evidence that the causes of previous low achievement have been removed or resolved. At minimum, Petitions for Reinstatement must include a Statement of Low Achievement that explains, in detail, how the causes of low achievement have been corrected and what plans are in place to ensure future academic success. Students may choose to provide supplemental evidence, which could include, but is not limited to, transcripts of coursework completed after disqualification, medical testimony, and/or other objective evidence.

To prove their academic ability, academically disqualified graduate students may also complete courses through CSUDH Open University or at other regionally accredited academic institutions. Reinstated students are not guaranteed to receive content credit for coursework completed during disqualification. Grades earned elsewhere will not reduce the CSUDH grade-point deficiency or change the CSUDH grade-point average; grades earned elsewhere serve only as indicators of academic ability. Units earned will not be counted towards university residency requirements. Successful completion of coursework does not guarantee reinstatement to the University or to the graduate program from which the student was disqualified.

Students who have been disqualified from a master's degree program may be admitted to another degree program on the recommendation of the department concerned and with the approval of the appropriate College Dean and the Dean of Graduate Studies and Research.

Petitions for Reinstatement and supplemental attachments should be submitted to the Graduate Program Director of the disqualifying program. Submission deadlines are as follows:

Petitions for Reinstatement Submission Deadlines

| Reinstatement Term | Submission Deadlines |
|--------------------|----------------------|
| Fall Semester | May 31 |
| Spring Semester | December 15 |
| Summer Semester | Not Accepted |

The University reserves the right to request additional information from the student regarding their Petition for Reinstatement. Students will be notified of the reinstatement decision in writing by the Office of Graduate Studies and Research approximately 4 – 6 weeks after submitting the petition. Decisions are final and cannot be appealed.

If the Petition for Reinstatement is approved, the student will have to agree to the terms and/or conditions identified by the program. Graduate students are restricted to a maximum of one reinstatement after academic disqualification.

Graduate Enrollment Policies

Advisors and Program Faculty

All graduate degree programs have a Graduate Program Director designated to give overall supervision for the graduate program. In many instances, the Graduate Program Director also serves as the student's advisor. The program faculty are responsible for all major recommendations to the Dean of Graduate Studies and Research regarding the student's achievement of classified standing, Advancement to Candidacy, and completion of the graduate degree.

It is the responsibility of the student to arrange appointments for advisement and other information in the office of the academic unit offering the degree program. At a minimum, students should obtain advisement at the following critical times in their academic program:

1. prior to or during the first semester;
2. at the time of Advancement to Candidacy;
3. at the time of applying for graduation.

It is the student's responsibility to follow the procedures as outlined in this catalog to ensure timely progress toward the degree and to ensure compliance with all policies and regulations pertaining to the granting of the graduate degree.

Residency Requirement

Of the minimum 30 semester units of approved course work required for the master's degree, at least 21 units must be completed in residence at CSUDH. A student is considered to be in residence when they have been admitted to the university and to the graduate program and are registered in regular or special sessions courses at CSUDH. Approved units earned in summer sessions may be substituted for regular semester unit requirements on a unit for unit basis. Extension coursework may not be used to fulfill the minimum residence requirement.

Full-Time Status

The designation of enrollment as "part-time" or "full-time" varies by University office. Graduate students are considered to be full-time students during any semester in which they are enrolled in:

More than six units of graduate courses for the purposes of calculating student fees; and

Eight or more units of graduate courses for the purposes of being recognized as a full-time student by the University.

However, eligible graduate students may receive full financial aid packages during semesters when they are enrolled in at least *four units* of graduate program courses. Please consult Financial Aid for more information.

Continuous Enrollment Requirement

A student with a graduate degree objective must maintain continuous enrollment, defined as enrollment in regular or special session courses each fall and spring semester of the academic year. Students who have completed the maximum number of units required for the degree but are completing their culminating activity may enroll in regular university courses or in a specially designated 600-level course. Students must have program permission to enroll in the 600-level course. If they choose to enroll in regular university courses, students must continue to maintain a grade point average of 3.0 in all courses taken until the degree is granted. Students should check with their graduate program to determine whether there are any limits on the number of semesters in which they can enroll in the 600-level course.

Graduate students who fail to maintain continuous enrollment are considered to have interrupted their residency and must reapply to the university; such students will be subject to any new requirements of the university or program. Students who break continuous enrollment are not guaranteed readmission to the program, and if readmitted, lose their residency credit (courses they may apply to the degree) and their catalog rights. Loss of residency units means there is no guarantee that more than 9 units of previous course work may apply to the degree requirements upon readmission to the program.

Students who break continuous enrollment may petition to the College Dean for reinstatement of residency units. Serious and compelling reasons for breaking enrollment must be demonstrated. If the petition is denied by the Dean, the student may request a hearing from the Graduate Council.

Planned Educational Leave for Graduate Students

Graduate students in good academic standing may request a Planned Educational Leave for personal, educational, financial, medical, or other reasons to avoid a break in continuous enrollment. Students are eligible to apply for a Planned Educational Leave if they:

- Completed at least one semester of coursework at CSUDH (fall or spring)
- Previously earned units at CSUDH
- Have not applied to graduate in the semester of the requested leave
- Are not enrolled in classes at any CSU in the semester of the requested leave
- Have not been academically disqualified or had a previous break in enrollment

Although reasons for seeking a planned leave may vary, all applicants should intend to return to formal study within a specified time period.

To apply for a Planned Educational Leave, the student must be a conditionally classified or classified graduate student with a grade point average of 3.0 or better. Application for the leave must be filed with the appropriate Graduate Program Director at least one week before University Census (<https://www.csudh.edu/academic-affairs/academic-calendar/>) for the semester during which the leave is to begin and should be accompanied by appropriate documentation.

Students may request Planned Educational Leave for a minimum duration of one semester up to a maximum duration of one calendar year. Under compelling circumstances, a student may request, in writing and in advance, an extension of an approved leave. The total number of approved Planned Educational Leaves may not exceed two, and the combined duration of Planned Educational Leaves may not total more than two calendar years.

The Planned Educational Leave is approved at the discretion of the student's Graduate Program Director. Approval of a student's leave application constitutes agreement by the University that the student will be temporarily exempted from the continuous enrollment requirement as long as the student meets the conditions specified in the approved leave application. Students who do not return to the University at the conclusion of their planned leave will be considered to have withdrawn from the University at the end of their last semester of regular enrollment at CSU Dominguez Hills.

Approval of a planned leave does not constitute an extension of the time period for completing all course work and other requirements for the master's degree.

A student with an approved Planned Educational Leave shall be classified as "on leave" and shall not be considered a regularly enrolled student. Therefore, the student is not entitled to the campus services normally provided to enrolled students, except that the student may confer with their academic advisor and others regarding leave activity and plans for re-enrollment.

Each student with an approved Planned Educational Leave will have an entry made on their student record indicating that the student is on leave. The dates of the beginning and conclusion of the leave will also be recorded.

Election of Curriculum (Catalog Rights)

A student maintaining continuous enrollment in regular or special sessions and continuing in the same program may elect to meet the degree requirements in effect either at the time of entering the program or at the time of completion of degree requirements. Students with a break in enrollment, whether due to voluntary departure without an approved Planned Educational Leave, previous academic disqualification, or other lapse in continuous enrollment do not have catalog rights to their initial admission semester and must elect to meet the requirements in effect at either their time of readmission/reinstatement or time of degree completion.

Credit for Prior Learning

In accordance with California State University Executive Order 1036, academic credit may be earned from (1) examinations, (2) learning, skills, and knowledge acquired through experience, (3) learning acquired outside formal higher education and/or (4) education, training and service provided by the Armed Forces of the United States. Consult your graduate program for further information.

Time Limit for Completion

All requirements for the master's degree, including all course work in the student's approved program of study, must be completed within five years unless a time limit of seven years is noted in the program's section of the University Catalog. This time limit commences with the semester of the earliest course used toward the student's program of study.

Outdated Course Work

Students are expected to complete all required coursework and the culminating thesis, project, or examination for the master's degree within five years (or seven years if permitted by the program). Outdated coursework must be repeated or validated. Copies of the Petition for Validation of Outdated Course Work may be obtained from the Graduate Studies and Research office (<https://www.csudh.edu/gsr/>) and must be approved by the graduate program director. Students must submit the petition during the expected term of graduation.

Validated coursework shall not exceed 25% of the units required for the master's degree (e.g., 8 units for a 30-unit program).

Outdated transfer coursework from other colleges or universities is not eligible for validation.

Coursework that exceeds seven years by no more than one academic year may be eligible for validation at the discretion of the Dean of Graduate Studies and Research; beyond that time limit, coursework cannot be validated.

Enrollment in Graduate Courses by Undergraduate Students

Undergraduate students in their final year may petition to take two graduate courses that are not used to fulfill the requirements for the bachelor's degree. Approval must be obtained from the appropriate Graduate Program Director prior to registration in order to receive graduate credit for courses taken in the senior year. Petitions are available in the Records and Registration office.

Requirements for the Graduate Degree

To be granted a graduate degree, a student must have been classified, advanced to candidacy, and completed an approved program of study in an approved field. Requirements that apply to all programs follow. For specific requirements of particular programs, see the program descriptions in the departmental section of this catalog.

The information below pertains to the requirements for the master's degree. Doctoral students should consult their individual programs for graduation requirements.

REQUIREMENTS FOR THE MASTER'S DEGREE

General requirements for the master's degree program of study include:

- A minimum of 30 approved semester units, or more, as required by the particular program.
- A minimum of 21 semester units in residence **after admission to the program** offering the degree. Transfer and CSUDH extension course work are not considered to be in residence.
- Maintaining continuous enrollment until graduation.
- At least 70% of the total units toward the degree must be in graduate (500 level) courses; 300-level courses cannot be used unless the graduate program has obtained an exception from the University Curriculum Committee.
- A maximum of nine semester units of 500 level courses taken prior to admission.
- A maximum of six units for a thesis or project.
- A maximum of six units of independent study.
- No courses taken to satisfy prerequisite requirements are included in the minimum of 30 required units.

- A minimum grade point average of 3.0 (B) in all courses counted toward the degree.
- All courses completed within the program's time limit based on the date the degree is awarded. (Most programs have a time limit of five years; check with the particular program.) **Courses taken more than eight years prior to the degree award date cannot be counted, without exception.**
- Advancement to Candidacy.
- Filing of the application for graduation by the application deadline.
- A capstone activity, which may be a thesis, a project, a comprehensive examination, or any combination of these as determined by the graduate program.

The approved program of study is valid as long as the student maintains continuous enrollment in regular semesters at the University.

ADVANCEMENT TO CANDIDACY

Advancement to Candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon Advancement to Candidacy, the student is cleared for the final stages of the graduate program which, in addition to any remaining course work, will include the thesis, project, or comprehensive examination.

Following are the requirements for Advancement to Candidacy:

- A minimum of 15 units
- Classified graduate standing
- A cumulative GPA of 3.0 or above in all courses taken toward the graduate degree
- No grade lower than a "C" in the degree program

Advancement to Candidacy must be certified by the program's department and communicated to the Graduate Studies and Research office in the semester after the 15th unit was completed.

COMPLETION OF REQUIREMENTS AND AWARD OF THE DEGREE

The graduate degree is awarded upon the satisfactory completion of all state and university requirements, the specific requirements for the particular program, and the recommendation of the appropriate faculty advisor and Graduate Program Director.

CULMINATING EXPERIENCE

All graduate degree programs require a culminating experience as defined in CSU EP&R 82-39 (<https://calstate.policystat.com/policy/8523725/latest/>). This experience may be a thesis or dissertation, project, or comprehensive exam. At the discretion of the graduate program, students may be permitted to switch their culminating experience selection (e.g., from a comprehensive exam to a thesis, or vice versa).

Theses

All graduate students who undertake a thesis or project as their culminating experience for a master's degree must follow the procedures outlined in the CSU Dominguez Hills "Thesis and Project Guide," available in the university bookstore and online at the Graduate Studies website.

Graduate students may enroll in the thesis course for a maximum of six units. The credit allowed for the thesis course varies, and students should read their graduate program description for specific information.

Creative and Applied Projects

A creative or applied project is not sufficient in itself to meet the requirement of a culminating activity. Although the content and structure

are more flexible for a creative or applied project than for a thesis, they must consist of two distinct components: (a) the project itself, and (b) an explanation of the project presented in a scholarly framework. Like a thesis, the culminating project requires extensive graduate-level writing incorporating original scholarship concerning areas important to the discipline.

A master's project may be presented in any of a variety of appropriate media, including but not limited to digital media, videocassettes, CDs, audio cassettes, slides, kits, ring binders, and book-type materials. The scholarly framework introduces, justifies, and validates the applied or creative project and discusses the project's relationship to previous scholarly activity in the field. The committee chair should be consulted early in the process of planning the project to ensure that the required elements are included in the scholarly framework. Students pursuing culminating projects are encouraged to consult the "Thesis and Project Guide," but are not obligated to conform to this format unless required by their specific graduate program.

Graduate students may enroll in the culminating project course for a maximum of six units. The credit allowed for the project course varies, and students should read their graduate program description for specific information.

Comprehensive Exams

A comprehensive examination is a written assessment of the student's ability to integrate the knowledge of the area, show critical and independent thinking, demonstrate mastery of the subject matter, and demonstrate writing skills commensurate with the granting of the master's degree. The comprehensive examination is equivalent in rigor to the thesis. A record of the examination questions and responses shall be maintained in accordance with the records retention policy of the California State University.

Given the above criteria, all comprehensive exams must include an essay portion that comprises at least 50% of the examination.

In the case where comprehensive exams are divided into separate components, such as by course or topic, each program shall inform students in writing as to how each section will be graded and what the retake policy will be for the exam.

To meet the requirements of the culminating experience and qualify for the master's degree, a student who has selected the comprehensive exam must obtain a passing score or grade on the comprehensive exam in the semester in which it is attempted.

ELIGIBILITY TO TAKE THE COMPREHENSIVE EXAM

Students must have met all requirements for Advancement to Candidacy. Additionally:

- Students must be in good academic standing, defined as a cumulative grade point average of 3.0 for all post-baccalaureate work, whether part of the degree program or not.
- For 30-36 unit master's degrees, all course work must have been previously completed or will be completed concurrently in the semester the exam is taken. Students completing course work in the summer session are not eligible to take the comprehensive exam in the spring semester.
- For master's degrees that require more than 36 units, students may take the exam one semester prior to completion of the program provided a substantial amount of course work has been completed. Each program will establish uniform requirements for eligibility to take the exam and shall make these requirements available to

students in writing. A copy of the requirements shall be sent to the Office of Graduate Studies.

- Student's eligibility to take the examination must be verified by the Graduate Program Director.

ADMINISTRATION OF THE EXAM

Comprehensive exams must be administered within the six weeks preceding the last day of scheduled final exams in the fall or spring semesters.

LENGTH OF THE EXAM

The written portion of the comprehensive exam shall not be less than four hours.

SCORING OF THE EXAM

Each reading of the comprehensive exam will be double-blind, i.e., the student's identity will not be known to the readers, and the readers' identities will not be revealed to students.

Each exam will be scored by no less than two readers. If two readers read the exam and disagree on the pass/fail score or grade, a third reader shall read the exam under the same blind conditions prescribed for the original reading.

RETAKE THE EXAM

Students who fail the comprehensive exam and choose to retake it will take the exam at a regularly scheduled session (e.g., the following semester).

Students who retake the exam shall take the exam in its current format, regardless of the format of the original exam.

APPLICATION FOR GRADUATION

Master's and doctoral degree candidates should file for graduation in accordance with the following schedule:

| Graduation Term | Regular Deadline | Late Deadline |
|-----------------|------------------|---------------------------|
| Fall Semester | July 1 | September 15 |
| Spring Semester | October 1 | Last day of fall semester |
| Summer Session | February 1 | April 15 |

If the above dates fall on a weekend or holiday, the deadline will be at the close of business on the **previous** working day.

If all degree requirements are not completed during the term of the application, a Change of Graduation Date form must be filed giving the new term of degree completion together with the appropriate fee.

Graduate Commencement Exercises

Commencement Ceremonies are held at the end of each spring semester.

Students who have completed their degree requirements in the previous fall semester, and those who will complete their course work in the spring or summer semesters, are eligible to participate in the Commencement Ceremony. Students must apply for one of these graduation terms by April 15th to ensure that their name will appear in the Commencement Program.

After a student applies for graduation, a Commencement Participation link will be available in their student portal under "Important Student Links." Students must register through this link by April 15th to participate in the Spring Commencement Ceremony.

Dates are subject to change and will be updated on the Commencement website (<https://www.csudh.edu/commencement/>). Diplomas will be mailed to students after verification that all academic requirements have been completed.

Academic Integrity The University Community

A university is a community of learners bonded together by the search for knowledge; the pursuit of personal, social, cultural, physical, and intellectual development; and the desire for the liberating effects of an advanced education. California State University, Dominguez Hills (CSUDH) has a culture—the academic culture—shared with other universities and colleges across the nation. Integral to that culture is a set of values such as academic freedom, dedication to teaching and learning, diversity, civility toward others, and academic integrity.

Academic Integrity

Academic integrity is of central importance in the university community and involves committed allegiance to the values, the principles, and the code of behavior held to be central in that community. Integrity concerns honesty and implies being truthful, fair, and free from lies, fraud, and deceit.

The core of a university's integrity is its scholastic honesty. Honesty is valued across all cultures and is a fundamental value in the academic culture. There are, however, cultural differences with regard to the ownership of ideas and the importance of individual efforts. Nonetheless, the university expects all students and other campus members to document the intellectual contributions of others and to ensure that the work they submit is their own.

Education provides students with the resources to master content, learn skills, and develop processes to maximize self potential and the potential of others. Students must demonstrate mastery of each step of learning by tangible products such as test performance, papers, and presentations. This process enables the student and the instructor to assess the student's readiness for the next steps and gives the student the confidence to undertake future steps. Students who cheat may not have mastered the necessary steps nor gained the necessary knowledge; they miss the opportunity to gain an accurate picture of what they know and what they do not know.

Cheating harms others and the institution in addition to limiting one's own potential. Other students are rightfully angry when dishonest students use inappropriate methods to get grades for which honest students work hard. The fairness of the grading process is compromised when a student falsely obtains a grade. Academic dishonesty may result in loss of confidence in the system and devaluation of the quality of the university degree.

The Nature of Academic Dishonesty

A standard definition of academic dishonesty has been provided by Kibler, Nuss, Paterson, and Pavela (1988): Academic dishonesty usually refers to forms of cheating and plagiarism which result in students giving or receiving unauthorized assistance in an academic exercise or receiving credit for work which is not their own.

They further define the following specific forms of academic dishonesty:

Cheating—intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise. The term academic exercise includes all forms of work submitted for credit or hours.

Cheating also includes: unauthorized multiple submissions, altering or interfering with grading, lying to improve a grade, altering graded work, unauthorized removal of tests from classroom or office, and forging signatures on academic documents.

Fabrication—intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Facilitating academic dishonesty—intentionally or knowingly helping or attempting to help another to violate a provision of the institutional code of academic integrity.

Plagiarism—the deliberate adoption or reproduction of ideas or words or statements of another person as one's own without acknowledgment.

(Presidential Memorandum 85-10) At the heart of any university are its efforts to encourage critical reading skills, effective communication and, above all, intellectual honesty among its students. Thus, all academic work submitted by a student as his or her own should be in his or her own unique style, words and form. When a student submits work that purports to be his/her original work, but actually is not, the student has committed plagiarism.

Plagiarism is considered a gross violation of the University's academic and disciplinary standards. Plagiarism includes the following: copying of one person's work by another and claiming it as his or her own, false presentation of one's self as the author or creator of a work, falsely taking credit for another person's unique method of treatment or expression, falsely representing one's self as the source of ideas or expression, or the presentation of someone else's language, ideas or works without giving that person due credit. It is not limited to written works. For example, one could plagiarize music compositions, photographs, works of art, choreography, computer programs or any other unique creative effort.

Plagiarism is cause for formal University discipline and is justification for an instructor to assign a lower grade or a failing grade in the course in which the plagiarism is committed. In addition, the University may impose its own disciplinary measures.

Further information about the various forms of academic dishonesty can be obtained from the office of any Instructional Dean or the Student Development office. Individual departments and faculty may also provide specific examples.

Who Has the Responsibility for Promoting Academic Integrity and Preventing Academic Dishonesty?

Faculty Responsibility

The faculty as representatives of the institution have the opportunity to encourage academic integrity and the responsibility to discourage and curtail academic fraud. At CSUDH, incidents should be reported to the Office of the Vice President of Student Affairs. Unless incidents are reported to a central location, repeated violations may go undetected as they occur in separate departments or with different faculty. The Vice President of Student Affairs will notify the student if a report is received.

Student Responsibility

Students are responsible for the integrity of their actions and must be willing to accept consequences for these actions. Students have the responsibility to be familiar with the University policies and to seek clarification with faculty if they are unclear about expectations for any assignment. Students are also encouraged to report academic dishonesty. In the sense that a university is a community, students should understand their own role in the creation of the kind of environment that encourages honesty and discourages academic fraud. Students need not tolerate any action on the part of another that diminishes their own integrity or that of the university.

Options for Addressing Academic Dishonesty

When a faculty member detects dishonesty, he or she will address it. If appropriate, the faculty member will first confront the student and seek an "in-office" resolution. Remember the charge is an allegation that should be examined under due process.

If the faculty member is convinced that dishonesty has occurred, she or he will use one or more of the following options:

1. Adjust the evaluation of the student's work, i.e., nullify the effort or a portion of it. This action may be taken as part of a decision regarding assignment of a grade. The faculty member is not required to formally report the incident through the campus disciplinary process but is strongly encouraged to do so.
2. Refer the matter to the Vice President for Student Affairs for an investigation as part of the Student Disciplinary Procedures. These procedures call for due process, a hearing or the opportunity to waive a hearing and accept a sanction without admitting guilt. (An "F" grade supported by a decision in a disciplinary case may not be the subject of a grade appeal and may not be repeated and canceled.)
3. Use both "a" and "b" above.

The California State University Disciplinary Procedures

Student enrollment is a voluntary entrance into the academic community of learners. By such entrance, the student voluntarily assumes, and is expected to assume, obligations of performance and behavior that are imposed by the University relevant to its lawful missions, processes, and functions. The University reserves the right to discipline students in order to secure compliance with these obligations.

Students who engage in dishonest behavior are charged with violating Title 5, California Administrative Code, Section 41301, under the Student Disciplinary Procedures for the California State University established by Executive Order #1098 by the Chancellor. A copy of these procedures may be obtained from the Offices of the Vice President for Student Affairs or Student Development.

University Regulations

Changes of Rules and Policies

Although every effort has been made to assure the accuracy of the information in this catalog, students and others who use this catalog should note that laws, rules, and policies change from time to time and that these changes might alter the information contained in this publication.

Changes may come in the form of statutes enacted by the Legislature, rules and policies adopted by The Board of Trustees of the California State University, by the Chancellor or designee of the California State

University, or by the president or designee of the university. It is not possible in a publication of this size to include all of the rules, policies and other information that pertain to students, the institution, and the California State University. More current or complete information may be obtained from the appropriate department, school, or administrative office.

Nothing in this catalog shall be construed as, operate as or have the effect of an abridgment or a limitation of any rights, powers, or privileges of The Board of Trustees of the California State University, the Chancellor of the California State University, or the president of the university. The Trustees, the Chancellor, and the president are authorized by law to adopt, amend, or repeal rules and policies that apply to students. This catalog does not constitute a contract or the terms and conditions of a contract between the student and the university or the California State University. The relationship of students to the university and the California State University is one governed by statute, rules, and policy adopted by the Legislature, the Trustees, the Chancellor, the Presidents and their duly authorized designees.

CSU Immunization Requirements

In accordance with the CSU Immunization Requirements policy, undergraduate and graduate students, students matriculated in self-support degree programs and K-12 students participating in concurrent enrollment courses entering the California State University (CSU) in or after fall 2023.

Immunization and Screening, Recommendations and Requirements are adopted from the American College Health Association (ACHA) Immunization Recommendations for College Students linked here, and the California Department of Public Health (CDPH) Immunization & Screening Recommendations for College Students linked here.

See the CSU Immunization Requirements policy for more information regarding additional authorized discretionary requirements, academic program and fieldwork or clinical placement requirements, or immunization access.

NOTE: Any revisions of the CDPH recommendations for colleges and universities as of February 1, each year, will be reflected in CSU recommendations for the subsequent fall academic term.

Exemptions

A student may be exempted from any requirements in this policy as described below:

Medical Exemption: due to a medical condition for which an Approved Vaccine presents a significant risk of a serious adverse reaction. Any medical Exemption must be verified by a certified or licensed healthcare professional.

Religious Exemption: due to either (i) a person's sincerely held religious belief, observance, or practice, which includes any traditionally recognized religion, or (ii) beliefs, observances, or practices which an individual sincerely holds and that occupy a place of importance in that individual's life, comparable to that of traditionally recognized religions.

Required Immunization

Hepatitis B (Hep B) – Age 18 and younger per California law (HSC sections 120390-120390-7), enrollees who are 18 years of age or younger

are required to provide proof of full immunization against hepatitis B virus prior to enrollment.

Immunization and Screening Recommendation

The CSU recommends that students are current for the immunization listed below. Immunizations and screening recommendations, and immunization schedules are linked above. Campuses should link to this policy to provide students with detailed immunization and screening recommendations.

Recommended Vaccines to Reduce Outbreaks

- A. Influenza Vaccine
- B. Measles, Mumps and Rubella (MMR) Vaccine
- C. Meningococcal Conjugate (Serogroups A, C, Y, W-135) Vaccine
- D. Serogroup B Meningococcal Vaccine
- E. Tetanus-Diphtheria-Pertussis (Tdap) Vaccine
- F. Varicella (Chickenpox) Vaccine

Other Vaccines Recommended for Adults

- A. Hepatitis A (Hep A) Vaccine
- B. Hepatitis B (Hep B) Vaccine
- C. Human Papillomavirus (HPV) Vaccine
- D. Pneumococcal Vaccine
- E. Polio Vaccine

Recommended Screening

- A. Tuberculosis Screen/Risk Assessment (TB)

The above are **not** admission requirements but are required of students as conditions of enrollment in CSU.

Reservation

The university reserves the right to select its students and deny admission to the university or any of its programs as the university, in its sole discretion, determines appropriate based on an applicant's suitability and the best interests of the university.

First Class Meeting

Students should report to the first meeting of their scheduled classes. (Check the Class Schedule for room numbers.) Students are responsible for attendance and will earn grades in the courses and specific sections in which they have enrolled.

Prior to the end of the second week of classes, an instructor may, by following the appropriate procedures, initiate a formal drop of students who:

- have missed the first two class meetings of a term (or the first meeting if the class meets only once a week), and
- have not advised the instructor (or the department chair, if no instructor was assigned to the course in advance) that their absence is temporary.

The instructor should inform the Registrar of this action by the end of the second week.

It is, however, the responsibility of the student to make certain that his/her drop has been officially recorded. Continued absence from a class for which a student has not been dropped by the instructor may yield an unauthorized incomplete ("WU" grade) which is computed as an "F". Students who are in doubt as to whether or not an instructor has dropped them from the class should check before the end of the Change of Program (Add/Drop) period.

Change of Name or Address

Current and former students may change their legal name by submitting a change of name/address form to the Office of Admissions and Records. Appropriate state or court issued documentation that indicates a name change along with a valid photo identification card must be included with this form. The documentation can included but is not limited to the following:

- Marriage License
- Certificate of Naturalization
- Adoption/Birth Certificate
- Divorce Decree (stating restored name)
- Court Order
- Alien Registration Card

The documentation submitted must include the student's new and former name.

Current students may change their preferred name, which is the name the student wishes to be commonly known as, if different from their legal name.

Except when the use of an individual's legal (or primary) name is required by law, current students may be identified by a preferred name. California State University, Dominguez Hills wishes to allow its community to use a preferred name in order to give members an empowering, safe, and nondiscriminatory university experience. Every member of the campus community should feel empowered to be called by the name of their choosing. Equally important, no one should feel pressure to change their name for the acceptance or convenience of others.

A student may change their preferred first and/or middle names on their student center, My.CSUDH.edu (<http://My.CSUDH.edu>). The student's preferred name will be visible in the below areas, and may be subject to change:

- My.CSUDH.edu (<http://My.CSUDH.edu>)
- Class Rosters
- Grade Rosters
- Faculty Center - Class/Grade Roster
- Advisee Student Center – all tabs within advisee student services center
- Academic Requirements Reports

Preferred names will not be used for official university record purposes such as enrollment verification, official transcripts, employment and payroll records, and, but not limited to, financial aid. Additionally, changing the preferred name will not change a student's email address that appears in the student's record.

Any attempt to misuse preferred name policy for purposes of misrepresentation or fraud may result in a violation of the Student Conduct code and be referred to the Office of Student Life.

Change of Program after Registration

A change of program after registration is any change made in a student's official schedule. Changes include dropping a class, adding a class, changing the number of units for a class in which the student is registered and changing from one section to another of the same course.

A change of program must be made before the deadline date listed for each semester in the official University Academic Calendar.

Adding Classes

All classes, regardless of their start date, must be added no later than student census. To add a course during the first three weeks of instruction, instructor approval is required. Instructors provide approval by issuing a Late Registration Permission Number (LRPN) for the course. Late Registration Permission Numbers expire at the end of the third week of the semester and should be used as soon as possible. To add classes the fourth week of the semester, students must submit a Change of Program form with signatures from the class instructor, the program chair, and the dean to the Registrar's Office.

Official Withdrawal from a Course

See the Academic Calendar for specific deadline dates for withdrawing from courses during a particular term.

Prior to the Start of the Term

Students may drop prior to the start of the term/semester without penalty or record of enrollment. Drops or withdrawals that occur during this period are not included in the Undergraduate 18 unit limit. Students dropping all courses during this period will not incur a prorated fee assessment.

Weeks 1-3

During the first three weeks of each semester, students may drop all or a portion of their classes via MyCSUDH without approval of the instructor. No grade is assigned, and the enrollment does not appear on the student's permanent record. Drops or withdrawals during this period do not count against the undergraduate 18 unit limit. Students dropping all courses during this period will incur a prorated fee assessment.

Exception: Department Chair approval is required in order to drop developmental English and Math courses.

Week 4

After the third week of classes but before student census, students can drop courses by submitting a Change of Program (Add/Drop) form and signatures from the course instructor and program chair to the Registrar's Office. Students dropping courses during this period will incur a prorated fee.

Weeks 5-12

An administrative grade of "W" may be assigned up to the end of week 12 provided the student's withdrawal request form lists serious and compelling reasons, and has the approval of the instructor and the department chair (or dean). Documentation is required before such a withdrawal is approved. Drops and withdrawals during this period will count against the undergraduate 18 unit limit.

Weeks 13-15

Withdrawals shall not be permitted during this period of instruction except in cases, such as accident or serious illness, where the cause of withdrawal is due to circumstances clearly beyond the student's control and the assignment of an Incomplete is not practical. Withdrawals during this time of the semester are only allowable for all classes. Permission to withdraw during this time shall be granted only with the approval of the instructor, department chair, and dean. Documentation is required before such a withdrawal is approved. A reason for withdrawal must be provided for all requests to withdraw during this period. Withdrawals that occur during this period will not count against the Undergraduate 18 unit withdrawal limit.

Final Exams

Once final examinations begin, no drops or withdrawals are allowed. A student who does not officially withdraw shall receive "F," "WU," or "NC" grades for all courses on his/her official record.

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**Grading
Credit Hour**

On July 1, 2020, the United States Department of Education changed its definition of the student credit hour. Fundamentally, the change shifted responsibility for credit hour compliance to the accreditation agency and/or to the state.

As such, the CSU's accreditor, the WASC Senior College and University Commission (WSCUC), has published its own updated definition of student credit hour and related accreditation processes. The new regulations no longer require an accrediting agency to review an institution's credit hour policy and procedures. It does require the WSCUC to review the institution's definition of credit hour and an institutions' processes and policies for ensuring the credit hour policy is followed.

The CSU credit hour definition is consistent with federal law (600.2 and 600.4 revised July 1, 2020) and the requirements of the WSCUC. The CSU defines a credit hour as an amount of work represented in stated learning outcomes and verified by evidence of student achievement. Such evidence is an institutionally established equivalency that:

1. Approximates not less than:
 - a. One hour of direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately 15 weeks for one semester or equivalent amount of work over a different amount of time; or
 - b. At least an equivalent amount of work as required in paragraph 1.a. of this definition for other academic activities as established by the institution including laboratory work, internships, practice, studio work and other academic work leading to the award of credit hours; and
2. Permits an institution, in determining the amount of work associated with a credit hour, to take into account a variety of delivery methods, measurements of student work, academic calendars, disciplines and degree levels. Institutions have the flexibility to award a greater number of credits for courses that require more student work.

As in the past, a credit hour is assumed to be a 50-minute (not 60-minute) period. In some courses, such as those offered online asynchronously, in which "seat time" does not apply, a credit hour may be measured by an equivalent amount of work, as demonstrated by student achievement.

For purposes of accreditation, all CSUs are required to develop, communicate and implement procedures for regular, periodic review of this credit hour policy to ensure that credit hour assignments are accurate, reliable and consistently applied. WSCUC published new draft guidelines that will take effect in June 2021. Universities are responsible for publishing a clearly stated practice or process that ensures they are in compliance with the student credit hour definition.

Grades and Grade Points

Student performance in each course is reported at the end of each semester by one of the following grades (with the grade points earned):

| Grade | Description | Grade Points |
|-------|---|--------------|
| A | Excellent | 4.0 |
| A- | | 3.7 |
| B+ | | 3.3 |
| B | Very Good | 3.0 |
| B- | | 2.7 |
| C+ | | 2.3 |
| C | Satisfactory | 2.0 |
| C- | | 1.7 |
| D+ | | 1.3 |
| D | Barely Passing | 1.0 |
| F | Failure | 0.0 |
| I | Incomplete (Not counted in grade point average) | |
| IC | Incomplete Charged | |
| WU | Withdrawal Unauthorized | |
| W | Withdrawal (Not counted in grade point average) | |

The following grades are to be used for approved courses only:

| Grade | Description | Grade Points |
|-------|--|--------------|
| AU | Audit (Not counted in grade point average; no units allowed) | |
| CR | Credit (Not counted in grade point average; but units count for bachelor's degree) | |
| NC | No credit (Not counted in grade point average; no units allowed) | |
| RP | Report in Progress (Credit is deferred until completion of course) | |
| CR* | Graduate Continuation Course | |

Explanation of Grading Symbols

I, IC, WU, W, CR, NC, RP, RD

Incomplete Grade (I). The symbol "I" (Incomplete Authorized) indicates that a portion of required course work has not been completed and evaluated in the prescribed time period due to unforeseen, but fully justified, reasons and that there is still a possibility of earning credit. It is the responsibility of the student to bring pertinent information to the attention of the instructor and to determine from the instructor the remaining course requirements, which must be satisfied to remove the "Incomplete." A final grade is assigned when the work agreed upon has been completed and evaluated. This approval will indicate that the department has made provisions for assuring that the student's work

will be graded and that a Change of Grade form will be submitted to the Registrar's Office.

An "Incomplete" must normally be made up within one calendar year following the end of the term during which it was assigned. However, an extension may be granted by petition for contingencies such as intervening military service and serious health or personal problems. If the "Incomplete" is not converted to a credit-bearing grade within the prescribed time limit, or any extension thereof, it shall be counted as a failing grade in calculating grade point average and progress points unless the faculty member has assigned another grade in accordance with campus policy.

Normally, the student is responsible for applying for the grade of "Incomplete" and for obtaining instructor approval for the assignment of this grade. In exceptional circumstances, the assignment of the "Incomplete" may be initiated by the instructor. For each "Incomplete" grade assigned, the instructor will complete a Request for Incomplete Grade on which he or she will indicate:

1. The reason for granting the "Incomplete;"
2. The amount or nature of the work to be completed;
3. The date by which the student must make up the work.

This limitation prevails whether or not the student maintains continuous enrollment. Failure to complete the assigned work will result in an "Incomplete" being converted to an "IC" symbol (Failing grade for grade point average computation), unless the faculty member assigns a specific letter grade at the time the Incomplete is assigned, which would replace the "I" in the student's record after the calendar year deadline.

The student is responsible for contacting the instructor (or the department, in cases where the instructor is unavailable) regarding the provisions for completion of course work. A definitive grade for the term is recorded when the work has been completed. An "Incomplete" grade cannot be removed by repeating the course. A student may not re-enroll in a course for which he or she has received an "I" until a grade (e.g. A-F, IC, NC) is given. Students re-enrolled in a course for which an "I" was granted will be dropped from the course at the time the "I" grade is received from the instructor. The grade will be automatically recorded as an "IC" or "NC" if the work is not completed and grade changed within a year.

Change of Grade forms for removal of "Incomplete" grades in courses required for graduation must be submitted by the last day of the semester or session of anticipated graduation.

Change of Grade forms are available in academic departmental offices. It is the student's responsibility to initiate the process and have the instructor submit the Change of Grade form to the Registrar's Office within the time period allowed. No grades can be changed for any reason after a degree has been granted.

Incomplete Charged (IC). The "IC" symbol may be used when a student who received an authorized incomplete "I" has not completed the required course work within the allowed time limit. The "IC" replaces the "I" and is counted as a failing grade for grade point average and progress point computation.

Withdrawal Unauthorized (WU). The symbol "WU" shall be used when a student, who was enrolled on the census date, did not withdraw from the course and also failed to complete course requirements. It is used when, in the opinion of the instructor, completed assignments or course activities or both were insufficient to make normal evaluation of

academic performance possible. The "WU" is used where letter grades are assigned. For purposes of grade point average computation, is equivalent to an "F". Unlike the "I" grade, the "WU" grade may not be changed by submitting additional work. Rather, the student must re-enroll in the course and, if appropriate, use the repeat and cancel process.

Withdrawal (W). Students who withdraw in accordance with the procedures outlined in the preceding section on official withdrawal will have the administrative grade "W" recorded on their transcripts if the withdrawal is approved and occurs between the 4th and 15th weeks of instruction. The symbol "W" indicates that the student was permitted to withdraw from the course after the 3rd week of instruction with the approval of the instructor and appropriate campus officials. It carries no connotation of quality of student performance and is not used in calculating grade point average or progress points.

A student who does not officially withdraw shall receive "F," "WU," or "NC" grades for all courses on his/her official schedule.

Credit/No Credit Grades (CR/NC) and A-CR/NC: Undergraduate. Certain courses, designated in the University Catalog, are graded on a Credit/No Credit (CR/NC) basis only. Other departmentally designated courses in basic skills reasoning and departmentally designated upper division composition courses replace the "A-F" grading system with an "A-C/NC" system.

Students may elect to be graded on a "CR/NC" basis in other courses, subject to the guidelines below. "CR/NC" grades affect the grade point average in the ways described below:

1. Courses used to satisfy a major (both upper and lower divisions), or which are prerequisite to them, must be taken for a letter grade except when such courses are graded solely on a "CR/NC" basis. A student is permitted to enroll in up to 50 percent of the units required by a minor on a credit/no credit basis, unless otherwise specified elsewhere in the University Catalog under specific requirements for a minor.
2. No more than 24 units graded "CR/NC", whether taken at this or another institution, may be offered in satisfaction of the total units required for a bachelor's degree. If 24 units graded "CR/NC" are accepted in transfer, no additional courses graded "CR/NC" may be used to satisfy degree requirements, except when a required course is graded solely on a "CR/NC" basis. (All credits earned in the CLEP testing program may count even if they make the cumulative total of all "CR/NC" units at that time over 24.)
3. Selection of the CR/NC grading option must be made during the first three weeks of instruction. Forms are available in the Office of the Registrar and on the Admissions and Records website.
4. Students who plan to apply to Law School should know that the Law School Data Assembly Service evaluates a "NC" grade in CR/NC class as a failing grade.

Both Credit (CR) and No Credit (NC) grades are recorded on student transcripts.

The undergraduate Credit grade is the equivalent of an "A," "A-," "B+," "B," "B-," "C+," or "C"; and the "NC" grade is the equivalent of a "C-," "D+," "D", or "F"

"CR/NC" grades are not computed in overall or semester grade point averages.

Credit/No Credit (CR/NC): Post baccalaureate and Graduate Students.

1. Graduate courses graded on a "CR/NC" basis are limited to courses specifically designated in the University Catalog for nontraditional grading and to certain 400 and 500 level courses in the School of Education.
2. At the graduate level, "CR" is the equivalent of an "A," "A-," "B+," or "B"; and "NC" is the equivalent of "B-," "C+," "C," "C-," "D+," "D" or "F"
3. At least 24 of the units used to fulfill the requirements for a master's degree shall be graded on a traditional basis. The remaining units may be graded "CR/NC," if the course is offered only on that basis.
4. Graduate level students are allowed to elect to receive Credit/No Credit grades in courses numbered below 500 that will not be used to satisfy the requirements of a graduate degree program.

Report in Progress (RP). The "RP" symbol is used in connection with courses that extend beyond one academic term. It indicates that work is in progress but that assignment of a final grade must await completion of additional work. Work is to be completed within one year except for graduate degree theses.

The "RP" symbol shall be used in connection with thesis, project, and similar courses in which assigned work frequently extends beyond a single academic term and may include enrollment in more than one term. The "RP" symbol shall be replaced with the appropriate final grade within one year of its assignment except for master's thesis enrollment, in which case the time limit shall be established by the appropriate campus authority. The president or designee may authorize extension of established time limits.

Report Delayed (RD). The "RD" symbol may be used where a delay in the reporting of a grade is due to circumstances beyond the control of the student. The symbol may be assigned by the registrar only and, if assigned, shall be replaced by a substantive grading symbol as soon as possible. An "RD" shall not be used in calculating grade point average or progress points. Although no catalog statement is required, whenever the symbol is employed, an explanatory note shall be included in the transcript legend. The registrar shall notify both the instructor of record and the department chair within two weeks of the assignment of RD grades.

Auditing a Class

A student not admitted to, nor enrolled in, the University must file a Statement of Residence prior to auditing a course. A residence determination must be made so that appropriate fees may be charged.

Auditors must pay the same fees as would be charged if the courses were taken for credit. A student who wishes to audit a course must obtain the approval of the instructor on the Approval for Audit form available in the Registrar's Office. The approval may not be obtained prior to the first day of instruction. Enrollment as an auditor is subject to permission of the instructor provided that enrollment in a course as an auditor shall be permitted only after students otherwise eligible to enroll on a credit basis have had an opportunity to do so. Auditors are subject to the same fee structure as credit students and regular class attendance is expected. Once enrolled as an auditor, a student may not change to credit status unless such a change is requested no later than the last day to add classes in that term. A student who is enrolled for credit may not change to audit after the third week of instruction. Credit for courses audited will not subsequently be granted on the basis of the audit. An audited course should be taken into consideration when planning a program so that the study load will not be excessive. The symbol AU will appear on the student's record for audited courses.

Grade Point Average

The grade point average at CSU Dominguez Hills is computed on a 4-point scale. A specified number of grade points is associated with each grade listed in the "Grades and Grade Points" section. "CR/NC" grades have no grade point value and are not calculated in the grade point average.

The total grade points are calculated by multiplying the number of grade points associated with the grade assigned by the number of units for each class. The grade point average is computed by dividing the total number of grade points earned by the total number of units attempted.

Grade Point Average Required for Continuing Student Status

Undergraduate students are required to maintain a cumulative grade point average of 2.0 in all college courses, all courses taken at CSU Dominguez Hills, and in all courses in the declared major(s) and minor. In order to be eligible for graduation, students must be in good academic standing, must have an overall GPA of 2.0 or above, and must have a grade point average of 2.0 in all courses used to fulfill the degree requirements. See "Undergraduate Academic Notice and Disqualification (p. 121)" for specific grade point averages required for ongoing enrollment.

Exploring post baccalaureate and Credential Students. A grade point average of 2.5 is required for course work taken by students in exploring post baccalaureate and credential status. See "Graduate and Post baccalaureate Academic Notice and Disqualification (p. 129)" for specific requirements.

Master's Degree Students. A grade point average of 3.0 is required in the master's degree program and for all courses (related and unrelated, lower division, upper division, and graduate) taken concurrently with the master's degree program (i.e., all courses taken beginning with the date of admission to the program). In order to be eligible for graduation, students must be in good academic standing, must have an overall GPA of 3.0 or above, and must have a grade point average of 3.0 in all courses used to fulfill the degree requirements. See "Graduate and Post baccalaureate Academic Notice and Disqualification (p. 129)" for specific grade point averages required for ongoing enrollment.

Grade Changes, Grade Appeals and Repeat and Cancel Change of Grade

In general, all course grades are final when filed by the instructor at the end of the semester.

A change of letter-to-letter grade (excluding changes by petition and administrative grades of "AU," "I," "RD," "RP," "W," and "WU") may occur only in cases of clerical error, administrative error, or as a disciplinary sanction or when the instructor reevaluates the original course assignments of a student and discovers an error in the original evaluation. Change of letter-to-letter grades must be filed by the instructor within one semester after the original grade was submitted. If the change of grade is initiated after the semester following the assignment of the original grade or is being submitted for any reason other than those above, a petition must be filed along with a Change of Grade card. The Change of Grade card must contain the signatures of the instructor, department chair, and school dean. It must be submitted with the signed petition to the Student Academic Petitions and Appeals Committee (SAPAC) for action. Supporting documentation must accompany the petition.

In some cases, students may wish to petition to have grades changed to retroactive withdrawals. Retroactive withdrawals must be complete withdrawals from the university. The acceptable reasons for granting retroactive withdrawals are limited to:

1. documented accident or illness,
2. other serious and compelling reasons which prevent withdrawal from the university before the scheduled deadline and/or
3. evidence of timely submission of proper forms for withdrawal.

Requests for retroactive withdrawals must be submitted by petition to the Student Academic Petitions and Appeals Committee within two years of the end of the semester in which the grade was assigned.

"WU" or "F" grades may be changed to "W" by petition only.

This process generally requires documentation of extenuating circumstances, such as physical inability to appear on campus to properly withdraw. The petition requires the recommendation of the instructor involved and of the appropriate school dean. A final action is taken by the Student Academic Petitions and Appeals Committee based upon the recommendations provided.

No grades can be changed for any reason after a degree has been granted, including administrative grades of "I," "RD," "RP," "W," and "WU." The university shall make every effort to remove "RDs" from the student's transcript.

Grade Appeals

Students may appeal undergraduate or graduate grades which they believe were the result of instructor, computational, or clerical error or contrary to procedures established in course syllabi; or were prejudicial or capricious.

Before initiating a formal grade appeal, students will seek informal resolution with the instructor or Department Chair. Informal resolution requires the student to meet with the faculty member or Department Chair no later than 30 calendar days immediately following the assignment of the original grade. This time line may be extended if the student requests and receives an extension from the College Dean or can demonstrate extenuating circumstances for the submission of a grade appeal beyond 30 calendar days. If the matter is not resolved with the instructor or Department Chair, the student may submit a formal grade appeal, in writing, to the Dean of the College within 21 calendar days after receiving the decision of the instructor or Department Chair. Instructions for this submission are outlined in the Student Rights and Responsibilities Handbook, <http://www.csudh.edu/admissions-records/records/grade/index#appeals> (<http://www.csudh.edu/admissions-records/records/grade/index/#appeals>)

The College Dean will investigate the student claim and attempt to resolve the appeal within 21 calendar days. If the matter is not resolved in the college the appeal is forwarded to the Student Grade Appeals Board. The review process and procedures of the Student Grade Appeals Board are detailed in the Student Rights and Responsibilities Handbook. A panel of two faculty members and one student member from the Board reviews the appeal materials and determine by majority vote whether or not cause exists for a grade change. A written decision of the panel will be sent to the student appellant and all individuals involved in the appeal.

Repeat and Cancel Policy

Repeat and Cancel may be used by students working toward a baccalaureate degree. It may not be used by graduate/post-

baccalaureate students working on master's degrees, graduate certificates, teaching credentials, or by "exploring" graduate students, even when they might take undergraduate courses.

1. In the case of a repeated course, the subsequent grade is substituted for the earlier one in the computation of units attempted and grade point average. The previous course grade(s) remain(s) on the record, but is/are annotated as being discounted from grade point average calculations.
2. Repeat and Cancel may only be used on courses taken at CSU Dominguez Hills and repeated at CSU Dominguez Hills through Open University, regular university or special sessions.
3. Beginning Fall 2009, Repeat and Cancel may be used for no more than 16 semester units taken at CSU Dominguez Hills during the entire undergraduate degree program.
4. Undergraduate students may be permitted to repeat an additional 12 units, i.e. units in addition to the 16 units for which grade forgiveness is permitted. In such instances the repeat grade shall not replace the original grade, instead, both grades shall be calculated into the student's overall grade-point average.
5. Undergraduate students may repeat an individual course no more than two times.
6. Repeat and Cancel may be used only on grades of "WU," "F," "D," "D+," "C-," "IC."
7. Students must complete a Notice of Repeated Course form for each course repeated that meets all Repeat and Cancel policy guidelines if the original course was taken prior to fall 2008 or if they wish to select which eligible courses are to be excluded from the grade point average computation.
8. A grade entered as a result of the student disciplinary procedures under Executive Order No. 628 cannot be cancelled and will be included in the grade point average.
9. Graduate and post baccalaureate students may repeat courses; however, the two grades will be averaged into the total grade point average. Credit for the courses will be granted only once and courses may be repeated only once.

Concurrent Enrollment at a Non-CSU Institution

Concurrent enrollment in resident courses or in extension courses in a non-CSU institution is permitted only when the entire program has received the approval of the departmental major advisor. This approval must be obtained before any course work is started. The purpose of this procedure is to ensure that all courses taken elsewhere will meet the requirements of the University and that the total program will not constitute an excessive study load.

It is the student's responsibility to ensure that all work completed during his/her term of graduation is completed prior to the established CSU Dominguez Hills degree date. Work completed at another institution after the established CSU Dominguez Hills degree date cannot be used to satisfy graduation requirements until the next term.

Cross Enrollment

Undergraduate students enrolled at CSUDH may enroll, without formal admission and without payment of additional State University fees, in one transferable course each academic term at participating campuses of the University of California or California Community Colleges, on a space available basis for \$10.00.

A CSUDH student must meet all of the following conditions to enroll at a University of California or Community College campus:

- Must be an undergraduate.
- Must be enrolled in at least 6 units at CSUDH during the semester of Cross Enrollment and show proof of payment of registration fees.
- Must be a California resident.
- Must have completed at least 12 units with a GPA of at least 2.0.
- The course (which must be transferable) must be pre-approved by the University Advisement Center before you take your application to the Cross Enrollment campus for processing.

A University of California or California Community College student coming to CSUDH must meet all of the following conditions:

- Must have completed at least one term at the home campus as a matriculated student.
- Must be enrolled at home campus in at least 6 units during the term of Cross Enrollment.
- Must have a GPA of 2.0 for work completed.
- Must have paid appropriate tuition and fees at home campus for current term.
- Must have completed appropriate academic preparation as determined by CSUDH University Advisement Center.
- Must provide an official transcript with Cross Enrollment Application to University Advisement Center.
- Must be a California resident.
- Other condition specified on the Cross Enrollment form pertaining to registration procedures, deadlines and priorities of host campus.

Intrasystem and Intersystem Enrollment Programs

Fully matriculated students enrolled at any CSU have access to courses at other CSUs on a space available basis unless those universities/programs are impacted. This access is offered without students being required to be admitted formally to the host university and in most cases without paying additional fees. Students should consult their home university academic advisors to determine how such courses may apply to their specific degree programs before enrolling at the host university.

There are two programs for enrollment within the CSU and one for enrollment between CSU and the University of California or California Community Colleges. Additional information about these programs is available from the Registrar's Office.

CSU Fully Online Courses – Matriculated students in good standing may request enrollment in one course per term, offered by a CSU host university. Enrollment requests will be granted based on available space, as well as completion of any stated prerequisites. Credit earned at the host university is electronically reported to the student's home university to be included on the student's transcript at the home university.

CSU Visitor Enrollment – Matriculated students in good standing enrolled at one CSU may enroll at another CSU for one term. Credit earned at the host university is reported at the student's request to the home university to be included on the student's transcript at the home university.

Intersystem Cross Enrollment – Matriculated CSU, UC, or community college students may enroll on a "space available" basis for one course per term at another CSU, UC, or community college and request that a transcript of record be sent to the home university.

Eligibility Requirements

Undergraduate students must have completed at least one term at the home campus as a matriculated student, earned at least twelve units there, attained a grade point average of 2.0 or better in all work completed at the home campus, and be in good standing at that campus. Visitors must be eligible to register under continuing status at the home campus.

Graduate students must have completed at least one term at the home campus as a matriculated student, been admitted to or be enrolled in an authorized graduate program at the home campus, and be in good standing at the last college attended.

Enrollment Conditions

1. Approval will be valid for one term only and subject to space availability, deadlines and registration priorities of host campus.
2. Academic advisement is available only at the home campus.
3. Evidence of completion of course prerequisites may be required at time of enrollment (i.e., transcript or grade reports).
4. Concurrent enrollment at another CSU campus is not possible while in visitor status.
5. Financial aid is available only through home campus and students eligible for Veterans, Rehabilitation, Social Security, and other Federal, State, or County benefits must secure eligibility certification through home campus.
6. Program changes will be accomplished following standard procedures on both campuses. Official notification will be provided by the host campus to the home campus. If a student withdraws from the home campus and requests refund of the refundable portion of the fees, the host campus must be notified by the home campus.
7. Permanent academic records are maintained at the host campus and sent to the student and to the home campus.
8. Health services on host campus will be limited to treatment for emergencies.
9. Because of overlap in the academic calendars, concurrent enrollment is possible only in certain combinations.

| Home Campus | Host Campus Possible | Not Possible |
|---------------------|----------------------|----------------|
| Sem Calendar | | |
| Fall | Fall Qtr or Sem | Winter Quarter |
| Spring | Spring Qtr or Sem | Winter Quarter |
| Qtr Calendar | | |
| Fall | Fall Qtr or Sem | |
| Winter | Winter Qtr or Sem | |
| Spring | Spring Qtr or Sem | Spring Sem |
| Summer | Summer Qtr | |

(Note: Although summer quarter concurrent enrollment is not possible for students whose home campus is on a semester calendar or on a quarter calendar without a summer quarter, enrollment in visitor status is possible.)

Home campus will be notified after a student registers at host campus and pays any required nonresident tuition and user fees.

Participation in student activities or use of the student union at the host campus is subject to any limitations set by the host campus.

Parking on the host campus will be available on the basis of a term fee within campus parking availability or on a daily fee basis.

Information concerning host campus identification card policies will be provided at registration.

Official Withdrawal from the University (Withdrawal from all Courses)

Official withdrawal is necessary if a student leaves the University at any time after registration and does not intend to complete the semester. The forms for initiating this process (Complete Withdrawal form) may be obtained from the University Information Center (WH D-245), from the Registrar's Office (WH C-290), and on the Registrar's Office web site.

When official withdrawal from the University occurs before the semester deadline for dropping classes (Student Census), there is no record of enrollment. However, if official withdrawal occurs after the student census, grades will be assigned in accordance with the policy above on "Official Withdrawal from a Course." Students withdrawing from all courses should determine if a leave of absence or graduation in absentia is appropriate. Official withdrawals that occur between weeks 4 and 12 will result in a "W" grade, and will count against the Undergraduate 18 unit limit. Official withdrawals that are approved and processed during weeks 13-15 will not count against the Undergraduate 18 unit limit. Withdrawals in excess of 18 units cannot be processed and will result in a "WU" grade, which is a failing grade included in the grade point average and progress point computations.

A student who withdraws with "W" grades shall be classified as a continuing student for the next semester.

Concurrent Course Scheduling

Students are not permitted to enroll in two or more courses that overlap in time within any given academic semester without official written approval on the Approval for Time Conflict form. Time Conflict forms are available in the Registrar's Office and on the Registrar's Office web site.

Course Information/Syllabus

During the first week of classes an instructor is to distribute to the class members printed information about the course. This course information is to include at least the following items:

1. Course title and units.
2. Instructor name and availability outside of the class, include office hours, office location, office telephone number and email address.
3. Prerequisites/co-requisites for the course.
4. Course description
5. Student learning outcomes for the course.
6. Required texts and other materials.
7. Required computer software/hardware capabilities.
8. Computer literacy skill expectations for students enrolled in the course.
9. A specific reference to the University Catalog's statement regarding Academic Integrity and plagiarism expectations.
10. Course requirements, including reading and assignments, exams and other types of assessments of student work.
11. The instructor's grading policy including grading scale and weighted value of assignments/tests.
12. Policy on attendance, assignment due dates and submission of late work and missed exams.
13. A specific reference to the University Catalog's statement regarding accommodations for individuals with disabilities including services

provided by, and contact information (telephone number and emails address) of the Student disAbility Resource Center.

14. A tentative schedule of class meetings and topics.
15. Explicit notations (traditional/on ground vs. virtual meeting) and location of class meetings.
16. A schedule of all assignment due dates and examinations.
17. A policy regarding extra credit, including a statement indicating it is available to all students.
18. A statement of expected behavioral standards that clarifies behavior expectations, as well as the consequences of disrespectful or disruptive behavior.

The instructor will submit either a printed or electronic copy, as per department policy of the syllabus each term and for each course section the course is taught. Any substantive changes to the syllabus should be communicated in a timely manner to students and department chairs.

*From AA 2015-03 Syllabus Content Policy

Course Numbering System

The course numbering system for the University is based upon three-digit numbers as follows:

| Course Number | Description |
|---------------|--|
| 001-099 | Sub-collegiate courses, not for baccalaureate credit. |
| 100-199 | Lower division courses normally taken in the freshman year. |
| 200-299 | Lower division courses normally taken in the sophomore year. |
| 300-399 | Upper division courses normally taken in the junior year. |
| 400-499 | Upper division courses normally taken in the senior year. |
| 500-599 | Graduate courses ordinarily limited to graduate students, Post baccalaureate students, and last semester seniors with prior departmental approval. |
| 600 | Graduate Continuation Course. For graduate students who have completed all course requirements. |

Nondiscrimination Policy and Complaint Procedures

Protected Status: Genetic Information, Marital Status, Medical Condition, Nationality, Race or Ethnicity (including color, caste or ancestry), Religion or Religious Creed, and Veteran or Military Status.

California State University does not discriminate on the basis of age, genetic information, marital status, medical condition, nationality, race or ethnicity (including color, caste and ancestry), religion (or religious creed), and veteran or military status - as these terms are defined in the CSU Policy Prohibiting Discrimination, Harassment, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy (<https://www.calstate.edu/titleix/Pages/policies.aspx>)) in its programs and activities, including admission and access. Federal and state laws, including Title VI of the Civil Rights Act of 1964 and the California Equity in Higher Education Act, prohibit such

discrimination. The Assistant Vice President of Human Resources has been designated to coordinate the efforts of CSUDH to comply with all applicable federal and state laws prohibiting discrimination on these bases. Inquiries concerning compliance may be presented to this person at 1000 E. Victoria St. Welch Hall, Room 340 Carson, CA 90747. (310) 243-3771. CSU Procedures for Complaints of Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against a Student (<https://calstate.policystat.com/policy/12891658/latest/#autoid-56krv>), (or any successor policy) is the systemwide procedure for all complaints or discrimination, harassment or retaliation **made against** other CSU students. CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against an Employee or Third-Party Procedures for Complaints of Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Stalking, and Retaliation Made Against an Employee or Third-Party (<https://calstate.policystat.com/policy/12891658/latest/#autoid-j378k>) (or any successor procedure) is the system wide procedure for all complaints of discrimination, harassment or retaliation made against the CSU, a CSU employee or a third party).

The California State University does not discriminate on the basis of disability (physical and mental) - as this term is defined in the CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) (<https://www.calstate.edu/titleix/Pages/policies.aspx>) - in its programs and activities, including admission and access. Federal and state laws, including sections 504 and 508 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, prohibit such discrimination. The Assistant Vice President of Human Resources has been designated to coordinate the efforts of CSUDH to comply with all applicable federal and state laws prohibiting discrimination on the basis of disability. Inquiries concerning compliance may be presented to this person at 1000 E. Victoria St. Welch Hall, Room 340 Carson, CA 90747. (310) 243-3771. CSU (<https://calstate.policystat.com/policy/8453516/latest/>) Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made against a Student (<https://calstate.policystat.com/policy/12891658/latest/#autoid-56krv>) (or any successor procedure) is the systemwide procedure for all complaints of discrimination, harassment or retaliation **made against, other CSU students**. CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against an Employee or Third-Party (<https://calstate.policystat.com/policy/12891658/latest/#autoid-j378k>) (or any successor procedure) is the systemwide procedure for all complaints of discrimination, harassment or retaliation **made against the CSU, a CSU employee or a third party**).

Protected Status: Disability

The California State University does not discriminate on the basis of disability (physical and mental) – as this term is defined in the CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) – in its programs and activities, including admission and access. Federal and state laws, including sections 504 and 508 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, prohibit such discrimination. Dr. Ben Toubak has been designated to coordinate the efforts of CSU

Dominguez Hills to comply with all applicable federal and state laws prohibiting discrimination on the basis of disability. Inquiries concerning compliance may be presented to this person at 1000 East Victoria Street, Welch Hall D-180, Carson, CA 90747 and at (310) 243-3660). CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against a Student (<https://calstate.policystat.com/policy/12891658/latest/#autoid-56krv>) (or any successor procedure) is the systemwide procedure for all complaints of discrimination, harassment or retaliation **made against, other CSU students**. CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against an Employee or Third-Party (<https://calstate.policystat.com/policy/12891658/latest/#autoid-j378k>) (or any successor procedure) is the systemwide procedure for all complaints of discrimination, harassment or retaliation **made against the CSU, a CSU employee or a third party**)

Protected Status: Gender (or sex), Gender Identity (including nonbinary and transgender), Gender Expression and Sexual Orientation

California State University does not discriminate on the basis of gender (or sex), gender identity (including nonbinary and transgender), gender expression or sexual orientation - as these terms are defined in CSU policy - in its programs and activities, including admission and access. Federal and state laws, including Title IX of the Education Amendments of 1972, prohibit such discrimination. Nallely Lopez, University Title IX Coordinator, has been designated to coordinate the efforts of CSUDH to comply with all applicable federal and state laws prohibiting discrimination on these bases. Inquiries concerning compliance may be presented to this person at 1000 E. Victoria St. Welch Hall, B-470 Carson, CA 90747. (310) 243-3619. The California State University is committed to providing equal opportunities to all CSU students in all university programs, including intercollegiate athletics. CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against a Student (<https://calstate.policystat.com/policy/12891658/latest/#autoid-56krv>) (or any successor) is the systemwide procedure for all complaints of discrimination, harassment or retaliation against other CSU students. CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against an Employee or Third-Party (<https://calstate.policystat.com/policy/12891658/latest/#autoid-j378k>) (or any successor procedure) is the systemwide procedure for all complaints of discrimination, harassment or retaliation made against the CSU, a CSU employee or a third party).

As a matter of federal and state law and California State University policy, the following types of conduct are prohibited:

Sex Discrimination or Gender Discrimination means an adverse action taken against a complainant because of their protected status (sex or gender).

Adverse Action means an action engaged in by the respondent that has a substantial and material adverse effect on the complainant's ability to participate in a university program, activity, or employment. Minor or trivial actions or conduct not reasonably likely to do more than anger or upset a complainant does not constitute an adverse action.

Sexual Harassment means unwelcome verbal, nonverbal or physical conduct of a sexual nature that includes, but is not limited to, sexual advances, requests for sexual favors, offering employment benefits or giving preferential treatment in exchange for sexual favors, or indecent exposure, and any other conduct of a sexual nature where:

1. Submission to, or rejection of, the conduct is explicitly or implicitly used as the basis for any decision affecting a Complainant's academic status or progress, or access to benefits and services, honors, programs, or activities available at or through the university; or
2. Submission to, or rejection of, the conduct by the Complainant is explicitly or implicitly used as the basis for any decision affecting a term or condition of the Complainant's employment, or an employment decision; or
3. The conduct is sufficiently severe, persistent, or pervasive that its effect, whether or not intended, could be considered by a reasonable person in the shoes of the Complainant, and is in fact considered by the Complainant, as limiting their ability to participate in or benefit from the services, activities or opportunities offered by the university; or
4. The conduct is sufficiently severe, persistent, or pervasive that its effect, whether or not intended, could be considered by a reasonable person in the shoes of the Complainant, and is in fact considered by the Complainant, as creating an intimidating, hostile or offensive environment.

Sexual Harassment could include being forced to engage in unwanted sexual contact as a condition of membership in a student organization or in exchange for a raise or promotion; being subjected to video exploitation or a campaign of sexually explicit graffiti; or frequently being exposed to unwanted images of a sexual nature in a work environment, or in a classroom where the images are unrelated to the coursework.

Claiming that the conduct was not motivated by sexual desire is not a defense to a complaint of Sexual Harassment.

Sexual and/or romantic relationships between members of the university community may begin as consensual, and may develop into situations that lead to Discrimination, Harassment, Retaliation, Sexual Misconduct, Dating or Domestic Violence, or Stalking subject to this policy.

Sexual Misconduct

All sexual activity between members of the CSU community may be based on **Affirmative Consent**. Engaging in any sexual activity without first obtaining Affirmative Consent to the specific activity is Sexual Misconduct, whether or not the conduct violates any civil or criminal law.

a. Sexual activity includes, but is not limited to:

- kissing
- touching intimate body parts
- fondling
- intercourse
- penetration, no matter how slight, of the vagina or anus with any part or object
- oral copulation of a sex organ by another person

b. Sexual Misconduct includes, but is not limited to, the following conduct:

- an attempt, coupled with the ability, to commit a violent injury on the person of another because of that person's Gender or Sex,
- the intentional touching of another person's intimate body parts without Affirmative Consent,
- intentionally causing a person to touch the intimate body parts of another without Affirmative Consent,
- any unwelcome physical sexual acts, such as unwelcome sexual touching,
- using physical force, violence, threat, or intimidation to engage in sexual activity,
- ignoring the objections of the other person to engage in sexual activity,
- causing the other person's incapacitation through the use of drugs or alcohol to engage in sexual activity,
- taking advantage of the other person's incapacitation to engage in sexual activity.

c. Intimate body part means the sexual organ, anus, groin, buttocks, or breasts of any person.

d. Sexual activity between a Minor (a person younger than 18 years old) and a person who is at least 18 and two years older than the Minor always constitutes Sexual Misconduct, even if there is Affirmative Consent to all sexual activity. The existence of Affirmative Consent and/or the type of sexual activity may be relevant to the determination of an appropriate Sanction.

e. Persons of all Genders, Gender Identities, Gender Expressions, and Sexual Orientations can be victims of these forms of Sexual Misconduct. Sexual Misconduct can be committed by an individual known to the victim including a person the Complainant just met, i.e., at a party, introduced through a friend, or on a social networking website.

Affirmative Consent

Affirmative Consent must be voluntary, and given without coercion, force, threats, or intimidation.

It is the responsibility of each person involved in the sexual activity to ensure Affirmative Consent has been obtained from the other participant(s) prior to engaging in the sexual activity.

Affirmative Consent means an agreement to engage in sexual activity that is:

- Informed
- Affirmative
- Conscious
- Voluntary and
- Mutual
- Lack of protest or resistance does not mean there is Affirmative Consent.
- Silence does not mean there is Affirmative Consent.
- The existence of a dating or social relationship between those involved, or the fact of past sexual activities between them, should never by itself be assumed to be an indicator of Affirmative Consent.
- A request for someone to use a condom or birth control does not, in and of itself, mean there is Affirmative Consent.

- Affirmative Consent can be withdrawn or revoked. Consent must be ongoing throughout a sexual activity and can be revoked at any time, including after sexual activity begins. Once consent is withdrawn or revoked, the sexual activity must stop immediately. Consent to one form of sexual activity (or one sexual act) does not constitute consent to other forms of sexual activity. Consent given to sexual activity on one occasion does not constitute consent on another occasion.

Incapacitation

Affirmative Consent cannot be given by a person who is incapacitated. A person is unable to consent when asleep, unconscious, or incapacitated due to the influence of drugs, alcohol, or medication so that the person could not understand the fact, nature or extent of the sexual activity. A person is incapacitated if the person lacks the physical and/or mental ability to make informed, rational decisions. A person with a medical or mental disability may also lack the capacity to give consent.

Whether an intoxicated person (as a result of using alcohol or other drugs) is incapacitated depends on the extent to which the alcohol or other drugs impact the person's decision-making ability, awareness of consequences, and ability to make informed judgments. A person's own intoxication or incapacitation from drugs or alcohol does not diminish that person's responsibility to obtain Affirmative Consent before engaging in sexual activity.

Sexual activity with a minor (a person under 18 years old) is not consensual, because a minor is considered incapable of giving consent due to age.

It shall not be a valid excuse that a person affirmatively consented to the sexual activity if the Respondent knew or reasonably should have known that the person was unable to consent to the sexual activity under any of the following circumstances:

- The person was asleep or unconscious;
- The person was incapacitated due to the influence of drugs, alcohol, or medication, so that the person could not understand the fact, nature, or extent of the sexual activity; or
- The person could not understand the fact, nature, or extent of the sexual activity, or was unable to communicate, due to a mental or physical condition.

It shall not be a valid excuse that the Respondent believed that the person consented to the sexual activity under either of the following circumstances:

- The Respondent's belief in Affirmative Consent arose from the intoxication or recklessness of the Respondent; or
- The Respondent did not take reasonable steps, in the circumstances known to the Respondent at the time, to ascertain whether the person affirmatively consented.

Dating Violence and Domestic Violence

Dating Violence means physical violence or threat of physical violence committed by a person:

- a. Who is or has been in a social relationship of a romantic or intimate nature with the Complainant;

and

b. Where the existence of such a relationship shall be determined based on a consideration of the following factors:

- i. The length of the relationship
- ii. The type of relationship
- iii. The frequency of interaction between the persons involved in the relationship

Domestic Violence means physical violence or threat of physical violence committed by a current or former spouse or intimate partner of the Complainant, by a person with whom the Complainant shares a child in common, by a person who is cohabitating with or has cohabitated with the Complainant as a spouse or intimate partner, or by a person similarly situated to a spouse of the Complainant.

Physical violence means physical conduct that intentionally or recklessly threatens the health and safety of the recipient of the behavior, including assault.

Stalking

Stalking means engaging in a Course of Conduct directed at a specific person that would cause a reasonable person to fear for the safety of self or others' safety or to suffer Substantial Emotional Distress. For purposes of this definition:

- **Course of Conduct** means two or more acts, including but not limited to, acts in which one party directly, indirectly, or through third parties, by any action, method, device, or means, follows, monitors, observes, surveils, threatens, or communicates to or about the other party, or interferes with the other party's property.
- **Substantial Emotional Distress** means significant mental suffering or anguish that may but does not necessarily require medical or other professional treatment or counseling.

Prohibited Consensual Relationships

A **Prohibited Consensual Relationship** is a consensual sexual or romantic relationship between an Employee and any Student or Employee over whom they exercise direct or otherwise significant academic, administrative, supervisory, evaluative, counseling, or extracurricular authority.

Retaliation

Retaliation means that a substantial motivating reason for an Adverse Action taken against a person was because the person has or is believed to have:

- a. Exercised their rights under this policy
- b. Reported or opposed conduct which was reasonably and in good faith believed to be in violation of this policy,
- c. Assisted or participated in an investigation/proceeding under this policy, regardless of whether the Complaint was substantiated,
- d. Assisted someone in reporting or opposing a violation of this policy or assisted someone in reporting or opposing Retaliation under this policy.

Adverse Action means an action engaged in by the Respondent that has a substantial and material adverse effect on the Complainant's ability to participate in a university program, activity, or employment. Minor or

trivial actions or conduct not reasonably likely to do more than anger or upset a Complainant does not constitute an Adverse Action.

Retaliation may occur whether or not there is a power of authority differential between the individuals involved.

Additional Prohibited Conduct Definitions

1. **Sexual Harassment** means conduct on the basis of Sex that satisfies one or more of the following:
 - a. An Employee conditioning the provision of an aid, benefit, or service of the University on an individual's participation in unwelcome sexual conduct;
 - b. Unwelcome conduct determined based on the reasonable person standard to be so severe, pervasive, **and** objectively offensive that it effectively denies a person equal access to an Education Program or Activity.
2. **Sexual Assault** includes the following:
 - a. **Rape** is the penetration, or attempted penetration, no matter how slight, of the vagina or anus with any body part or object, or oral penetration by a sex organ of another person, without the Affirmative Consent of the Complainant. Rape also includes the attempted penetration, no matter how slight, of the vagina or anus with any body part or object, or oral penetration by a sex organ of another person, without the Affirmative Consent of the Complainant, with the present ability and the intent to commit Rape.
 - b. **Fondling** is the touching of the private body parts of another person for the purpose of sexual gratification, without the Affirmative Consent of the victim, including instances where the Complainant is incapable of giving Affirmative Consent because of their age or because of their temporary or permanent mental incapacity.
 - c. **Incest** is sexual intercourse between persons who are related to each other within the degrees wherein marriage is prohibited by law.
 - d. **Statutory Rape** is sexual intercourse with a person who is under the age of 18 years, the California statutory age of consent. The definition of Affirmative Consent is that under Article VII.A.3 above.
 - e. **Dating Violence** means physical violence or threat of physical violence committed by a person:
 - i. who is or has been in a social relationship of a romantic or intimate nature with the Complainant; **and**
 - ii. where the existence of such a relationship shall be determined based on a consideration of the following factors:
 1. The length of the relationship.
 2. The type of relationship.
 3. The frequency of interaction between the persons involved in the relationship.
3. **Domestic Violence** means physical violence or threat of physical violence committed by a current or former spouse or intimate partner of the Complainant, by a person with whom the Complainant shares a child in common, by a person who is cohabitating with or has cohabitated with the Complainant as a spouse or intimate partner, or by a person similarly situated to a spouse of the Complainant.
4. **Stalking** means engaging in a course of conduct directed at a specific person that would cause a reasonable person to:
 - a. fear for their safety or the safety of others; or
 - b. suffer substantial emotional distress.

See further information in CSUDH sexual violence prevention and education statement, Title IX Notice of Nondiscrimination (which includes facts and myths about sexual violence), and Victim's Rights and Options Notice (https://www.google.com/url?client=internal-element-cse&cx=014923810474251600839:2ikns0f3yye&q=https://www.csudh.edu/Assets/csudh-sites/gei/docs/csudh-rights-options-2018.pdf&sa=U&ved=2ahUKewiZvfrkqZH_AhWnLUQIHlkDO4QFnoECAYQAg&usg=AOvVaw08K2CZQ1yUmybF8yQ924wK), at <https://www.csudh.edu/equity/rights-resources/>

Inquiries Concerning Compliance

Inquiries concerning compliance or the application of these laws to programs and activities of CSUDH may be referred to the specific campus officer(s) identified above or to the Regional Director of the Office for Civil Rights, United States Department of Education, 50 Beale Street, Suite 7200, San Francisco, California 94105.

Whom to Contact If You Have Complaints, Questions or Concerns

Title IX requires the university to designate a Title IX Coordinator to monitor and oversee overall Title IX compliance. The university Title IX Coordinator is available to explain and discuss the university's complaint process, including the investigation and hearing process; the availability of reasonable supportive measures (both on and off campus regardless of whether the person chooses to report the conduct); the right to file a criminal complaint (for example, in cases of sexual misconduct); how confidentiality is handled; and other related matters. ***If you are in the midst of an emergency, please call the police immediately by dialing 9-1-1.***

University Title IX Coordinator:

Blair J. Miles (he/him)
1000 E. Victoria St. Welch Hall, B-470H Carson, CA 90747
(310) 243-3492

Office hours: Monday through Friday, 8:00 am to 5:00 pm

bmiles@csudh.edu

University Police

Carols Velez, Chief of Police
1000 E. Victoria St. Welch Hall, Room B-100 Carson, CA 90747.
(310) 243- 3639

U.S. Department of Education, Office for Civil Rights (OCR)

(800) 421-3481 or ocr@ed.gov

If you wish to fill out a complaint form online with the OCR, you may do so using the OCR Electronic Complaint Form. (<https://www2.ed.gov/about/offices/list/ocr/complaintintro.html>)

Title IX requires the university to adopt and publish complaint procedures that provide for prompt and equitable resolution of gender discrimination complaints, including sexual harassment misconduct, as well as provide training, education and preventative measures related to sex discrimination. CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against a Student (<https://calstate.policystat.com/policy/12891658/latest/#autoid-56krv>) (or any successor) is the systemwide procedure for all complaints of discrimination, harassment or retaliation made against the CSU, a CSU employee, or a third party.

Duty to Report. Except as provided below under confidentiality and sexual misconduct, dating violence, domestic violence, and stalking, **any** university employee who knows or has reason to know of allegations

or acts that violate university policy shall promptly inform the Title IX Coordinator. These employees are required to disclose all information including the names of the parties, even where the person has requested that their name remain confidential. The Title IX Coordinator will determine whether confidentiality is appropriate given the circumstances of each such incident. (See confidential reporting options outlined below.) Regardless of whether an alleged victim of gender discrimination ultimately files a complaint, if the university knows or has reason to know about possible sexual discrimination, harassment or misconduct, it must review the matter to determine if an investigation is warranted. The university must then take appropriate steps to eliminate any gender discrimination/harassment/misconduct, prevent its recurrence, and remedy its effects.

U.S. Department of Education, Office for Civil Rights (OCR):

(800) 421-3481 (National Headquarters), or (415) 486-5555 (California office), or (800) 877-8339 (TDD) or ocr@ed.gov (National Headquarters) or ocr.sanfrancisco@ed.gov (California office)

If you wish to fill out a complaint form online with the OCR, you may do so using the OCR Electronic Form.

Safety of the Campus Community is Primary

The university's primary concern is the safety of its university community members. The use of alcohol or drugs never makes the victim at fault for gender discrimination, harassment or misconduct; therefore, victims should not be deterred from reporting incidents of sexual misconduct out of a concern that they might be disciplined for related violations of drug, alcohol or other university policies. Except in extreme circumstances, victims of sexual misconduct shall not be subject to discipline for related violations of the Student Conduct Code.

Information Regarding University, Criminal and Civil Consequences of Committing Acts of Sexual Violence

Individuals alleged to have committed sexual misconduct may face criminal prosecution by law enforcement and may incur penalties as a result of civil litigation. In addition, employees and students may face discipline at the university, up to including suspension or expulsion. Employees may face sanctions up to and including dismissal from employment, pursuant to established CSU policies and provisions of applicable collective bargaining unit agreements.

Students who are found responsible by the university with gender discrimination, harassment or sexual misconduct will be subject to discipline, pursuant to CSU Policy Prohibiting Discrimination, Harassment, Sexual Misconduct, Sexual Exploitation, Dating Violence, Domestic Violence, Stalking, and Retaliation (Nondiscrimination Policy) Made Against a Student and the California State University and Student Conduct Procedures (see the Student Conduct Procedures Policy (<https://calstate.policystat.com/policy/14075291/latest/>), revised on August 14, 2020, or any successor policy) and will be subject to appropriate sanctions. In addition, during any investigation, the university may implement interim measures in order to maintain a safe and non-discriminatory educational environment. Such measures may include but not be limited to: immediate interim suspension from the University; a required move from university-owned or affiliated housing; adjustments to course schedule; and/or prohibition from contact with parties involved in the alleged incident.

Confidentiality and Sexual Misconduct, Dating Violence, Domestic Violence and Stalking

The university encourages victims of sexual misconduct, dating violence, domestic violence or stalking to talk to someone about what happened – so they can get the support they need, and so the university can respond appropriately.

Privileged and Confidential Communications

Physicians, Psychotherapists, Professional Licensed Counselors, Licensed Clinical Social Workers, and Clergy – Physicians, psychotherapists, professional, licensed counselors, licensed clinical social workers, and clergy who work or volunteer on or off campus, acting solely in those roles or capacities as part of their employment, and who provide medical or mental health treatment or counseling (and those who act under their supervision, including all individuals who work or volunteer in their centers and offices) may not report any information about an incident of sexual misconduct to anyone else at the university, including the Title IX Coordinator, without the victim's consent. A victim can seek assistance and support from physicians, psychotherapists, professional, licensed counselors, licensed clinical social workers and clergy without triggering a university investigation that could reveal the victim's identity or the fact of the victim's disclosure. However, see limited exceptions below regarding when health care practitioners must report to local law enforcement agencies. Health care practitioners should explain these limited exceptions to victims, if applicable.

Sexual Assault and Domestic Violence Counselors and Advocates – Sexual assault and domestic violence counselors and advocates who work or volunteer on or off campus in sexual assault centers, victim advocacy offices, women's centers and health centers (including those who act in that role under their supervision, along with non-professional counselors or advocates who work or volunteer in sexual assault centers, victim advocacy offices, women's centers, gender equity centers, or health centers), may talk to a victim without revealing any information about the victim and the incident of sexual misconduct to anyone else at the university, including the Title IX Coordinator, without the victim's consent. A victim can seek assistance and support from these counselors and advocates without triggering a university investigation that could reveal his/her identity or that a victim disclosed an incident to them. However, see limited exceptions below regarding when sexual assault and domestic violence counselors and advocates must report to local law enforcement agencies. Counselors and advocates should explain these limited exceptions to victims, if applicable.

The university will be unable to conduct an investigation into a particular incident or pursue disciplinary action against a perpetrator if a victim chooses to:

1. Speak only to a physician, professional licensed counselor, licensed clinical social worker, clergy member, sexual assault counselor, domestic violence counselor or advocate; and
2. Maintain complete confidentiality. Even so, these individuals will assist victims in receiving other necessary protection and support, such as victim advocacy, disability services, medical/health or mental health services, or legal services, and will advise victims regarding their right to file a Title IX complaint with the university and a separate complaint with local or university police.

If a victim insists on confidentiality, such professionals, counselors and advocates will likely not be able to assist the victim with: university

academic support or accommodations; changes to university-based living or working schedules; or adjustments to course schedules. A victim who at first requests confidentiality may later decide to file a complaint with the university or report the incident to the police, and thus have the incident fully investigated. These counselors and advocates can provide victims with that assistance if requested by the victim. These counselors and advocates will also explain that Title IX includes protections against retaliation, and that the university will not only take steps to prevent retaliation when it knows or reasonably should know of possible retaliation, but will also take strong responsive action if retaliation occurs.

Exceptions: Under California law, any health practitioner employed in a health facility, clinic, physician's office, or local or state public health department or clinic is required to make a report to local law enforcement if the health practitioner provides medical services for a physical condition to a patient/victim who the health practitioner knows or reasonably suspects is suffering from:

1. A wound or physical injury inflicted by a firearm; or
2. Any wound or other physical injury inflicted upon a victim where the injury is the result of assaultive or abusive conduct (including sexual misconduct, domestic violence, and dating violence).

This exception does not apply to sexual assault and domestic violence counselors and advocates. Health care practitioners should explain this limited exception to victims, if applicable.

Additionally, under California law, all professionals described above (physicians, psychotherapists, professional counselors, licensed clinical social workers, clergy, and sexual assault and domestic violence counselors and advocates) are mandatory child abuse and neglect reporters, and are required to report incidents involving victims under 18 years of age to local law enforcement. These professionals will explain this limited exception to victims, if applicable.

Finally, some or all of these professionals may also have reporting obligations under California law to:

1. Local law enforcement in cases involving threats of immediate or imminent harm to self or others where disclosure of the information is necessary to prevent the threatened danger; or
2. To the court if compelled by court order or subpoena in a criminal proceeding related to the sexual misconduct, dating or domestic violence, or stalking incident. If applicable, these professions will explain this limited exception to victims.

Reporting to University or Local Police

If a victim reports to local or university police about sexual misconduct crimes, the police are required to notify victims that their names will become a matter of public record unless confidentiality is requested. If a victim requests that their identity be kept confidential, their name will not become a matter of public record and the police will not report the victim's identity to anyone else at the university, including the Title IX Coordinator. University police will, however, report the facts of the incident itself to the Title IX Coordinator being sure not to reveal to the Title IX Coordinator victim names/identities or compromise their own criminal investigation. The university is required by the federal Clery Act to report certain types of crimes (including certain sex offenses) in statistical reports. However, while the university will report the type of incident in the annual crime statistics report known as the Annual Security Report, victim names/identities will not be revealed.

Reporting to the Title IX Coordinator and Other University Employees

Most university employees have a duty to report incidents of sexual misconduct when they are on notice of it. When a victim tells the Title IX Coordinator or another university employee about an incident of sexual misconduct, the victim has the right to expect the university to take immediate and appropriate steps to investigate what happened and to resolve the matter promptly and equitably. In all cases, the university strongly encourages victims to report incidents of sexual misconduct directly to the university Title IX Coordinator. As detailed above, in the "Privileged and Confidential Communications" section of this policy, all university employees except physicians, licensed professional counselors, licensed clinical social workers, sexual assault counselors and advocates, must report to the Title IX Coordinator all relevant details about any incidents of sexual misconduct of which they become aware. The university will need to determine what happened – and will need to know the names of the victim(s) and the perpetrator(s), any witnesses, and any other relevant facts, including the date, time and specific location of the incident.

To the extent possible, information reported to the Title IX Coordinator or other university employees will be shared only with individuals responsible for handling the university's response to the incident. The university will protect the privacy of individuals involved in a sexual misconduct violence incident except as otherwise required by law or university policy. A report of sexual misconduct may result in the gathering of extremely sensitive information about individuals in the university community. While such information is considered confidential, university policy regarding access to public records and disclosure of personal information may require disclosure of certain information concerning a report of sexual misconduct. In such cases, efforts will be made to redact the records, as appropriate, in order to protect the victim's identity and privacy and the privacy of other involved individuals. Except as detailed in the section on "Privileged and Confidential Communications" above, no university employee, including the Title IX Coordinator, should disclose the victim's identity to the police without the victim's consent or unless the victim has also reported the incident to the police.

If a victim requests of the Title IX Coordinator or another university employee that their identity remain completely confidential, the Title IX Coordinator will explain that the university cannot always honor that request or guarantee complete confidentiality. If a victim wishes to remain confidential or request that no investigation be conducted or disciplinary action taken, the university must weigh that request against the university's obligation to provide a safe, non-discriminatory environment for all students, employees, and third parties, including the victim. Under those circumstances, the Title IX Coordinator will determine whether the victim's request for complete confidentiality and/or no investigation can be honored under the facts and circumstances of the particular case, including whether the university has a legal obligation to report the incident, conduct an investigation or take other appropriate steps. Without information about a victim's identity, the university's ability to meaningfully investigate the incident and pursue disciplinary action against the perpetrator may be severely limited. See the Systemwide Sex Discrimination, Sexual Harassment, Sexual Misconduct, Dating and Domestic Violence, and Stalking Policy (or any successor policy) for further details around confidential reporting, and other related matters.

Additional Resources

CSUDH's sexual violence prevention and education statement, which includes facts and myths about sexual violence, at <http://www.csudh.edu/dhpd/clery/index>

www.csudh.edu/dhpd/clery/index (<http://www.csudh.edu/dhpd/clery/index/>).

U.S. Department of Education, regional office:

Office for Civil Rights
50 United Nations Plaza
San Francisco, CA 94102
(415) 486-5555
TDD (877) 521-2172

OCRSanFrancisco@ed.gov

U.S. Department of Education, national headquarters:

Office for Civil Rights
(800) 421-3481
TDD (800) 877-8339
OCR@ed.gov (ocr@ed.gov)

California Coalition Against Sexual Assault:

1215 K. Street, Suite 1850
Sacramento, CA 95814
(916) 446-2520

California Coalition Against Sexual Assault website (<http://www.valor.us/>)

1. Domestic and Family Violence, Office of Justice Programs, U.S. Department of Justice : Intimate Partner Violence (<https://ovc.ojp.gov/topics/intimate-partner-violence/?topicid=27>)
2. National Institute of Justice: Intimate Partner Violence, Office of Justice Programs, United States Department of Justice (<https://ovc.ncjrs.gov/topic.aspx?topicid=27>)
3. National Domestic Violence Hotline Website (<https://www.thehotline.org/>) and phone number 1-800-799-SAFE (7233)
4. Office of Violence against Women, United States Department of Justice (<http://www.justice.gov/ovw/>)
5. Centers for Disease Control and Prevention: Intimate Partner Violence (<http://www.cdc.gov/ViolencePrevention/intimatepartnerviolence/>)
6. Compton Center YMCA – Sexual Assault & Crisis Center: (310) 763-9117
7. South Bay Rape Hotline: (310) 545-2111

Academic Petition for Exception

Students may petition for exception to certain university academic regulations when unusual circumstances exist. It should be noted, however, that academic regulations contained in Title 5, California Code of Regulations, cannot be waived by petition.

Before filing a petition, students must first speak with the designated representatives in the School or College associated with their request. Only in cases where no alternate means of resolution is available should a student then file a petition. To do so, a fee must be paid. Requests must be stated clearly and accompanied by supporting documentation. Students are notified of decisions by U.S. Mail at the address on file with the university.

Plagiarism

At the heart of any university are its efforts to encourage critical reading skills, effective communication and, above all, intellectual honesty among its students. Thus, all academic work submitted by a student as his or her own should be in his or her own unique style, words and form. When

a student submits work that purports to be his/her original work, but actually is not, the student has committed plagiarism.

Plagiarism is considered a gross violation of the University's academic and disciplinary standards. Plagiarism includes the following: copying of one person's work by another and claiming it as his or her own, false presentation of one's self as the author or creator of a work, falsely taking credit for another person's unique method of treatment or expression, falsely representing one's self as the source of ideas or expression, or the presentation of someone else's language, ideas or works without giving that person due credit. It is not limited to written works. For example, one could plagiarize music compositions, photographs, works of art, choreography, computer programs or any other unique creative effort.

Plagiarism is cause for formal university discipline and is justification for an instructor to assign a lower grade or a failing grade in the course in which the plagiarism is committed. In addition, the University may impose its own disciplinary measures.

Prerequisites for Courses

Course prerequisites cited with each course description in this catalog are intended to advise the student of any previous work needed for the course. Some course prerequisites will be automatically enforced electronically as part of the registration process. Students not meeting the stated prerequisites should determine their eligibility for such courses in consultation with their academic advisors and the appropriate instructor.

Privacy Rights of Students in Education Records

The federal Family Educational Rights and Privacy Act of 1974 (20 U.S.C. 1232g) and regulations adopted thereunder (34 C.F.R. 99) set out requirements designed to protect students' privacy in their records maintained by the university. The statute and regulations govern access to certain student records maintained by the university and the release of such records. FERPA provides that the university must give a student access to most records directly related to the student, and must also provide an opportunity for a hearing to challenge the records if the student believes the records are inaccurate, misleading, or otherwise inappropriate. The right to petition to correct a record under FERPA does not include any right to challenge the appropriateness of a grade determined by the instructor. In addition, FERPA generally requires the university obtain a student's written consent before releasing personally identifiable data about the student. The university has adopted a set of policies and procedures governing the implementation of FERPA and its regulations. Copies of these policies and procedures may be obtained at the Office of Admissions and Records. Among the information included in the university statement of policies and procedures is:

1. The student records maintained and the information they contain;
2. The university official responsible for maintaining each record;
3. The location of access lists identifying persons requesting or receiving information from the record;
4. Policies for reviewing and expunging records;
5. Student access rights to their records;
6. Procedure for challenging the content of student records; and
7. The student's right to file a complaint with the Department of Education, which enforces FERPA. The Department of Education has established an office and review board to investigate complaints and adjudicate potential FERPA violations. The designated office

is: Student Privacy Policy Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-5920.

FERPA authorizes that the university may release "directory information" pertaining to students. "Directory information" may include the student's name, address, telephone listing, electronic mail address, photograph, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, grade level, enrollment status, degrees, honors, and awards received, and the most recent previous educational agency or institution attended by the student. The above-designated information is subject to release by the university at any time unless the university has received prior written objection from the student specifying the information the student requests not be released. Written objections should be sent to the Director of Admissions and Records.

FERPA authorizes the university to provide access to student records, without prior student consent to university officials, employees and others who have legitimate educational interests in such access. These persons include those with legitimate reasons to access student records to perform the university's academic, administrative or service functions, and those with a reason for accessing student records associated with their university or other related academic responsibilities. Student records will also be disclosed to the CSU Chancellor's Office to conduct research, to analyze trends, or to provide other administrative services. Student records may also be disclosed without prior student consent to other persons or organizations under certain conditions (e.g., as part of the accreditation or program evaluation, in response to a court order or subpoena in connection with financial aid, or to other institutions to which the student is transferring).

Release of Student Information to Agencies of the State of California

Agencies of the State of California may request, without prior student consent to university officials, employees and others for recruitment purposes, information including the names, addresses, major fields of study, and total units completed of CSU students and former students. The university is required by law to release such information to state agencies on request concerning students who have requested in writing that such information be released to state agencies. Students will have the opportunity during the first three weeks of the Fall semester to request in writing the release of such information by completing a form in the Registrar's Office; this release is effective for one academic year and expires on the first day of the following academic year. Students will also have an opportunity to forbid release of any personal identifiable information to state agencies or any other person or organization.

Smoking Policy

California State University, Dominguez Hills (CSUDH) has a responsibility to its students and employees to provide a safe and healthful learning and working environment. The University recognizes the harmful effects of involuntary contact with smoke. It also recognizes the need to preserve the reasonable individual rights of smokers as long as doing so does not interfere with the right of the non-smoker to a smoke-free environment.

Authority and Purpose

This executive order is issued pursuant to Title 5, California Code of Regulations, Sections 42356, Government Code 7597.1, and the Standing Orders of the Board of Trustees.

A cornerstone of the California State University and higher education is the principle of one's individual freedom to learn, teach, work, think, and take part in their intellectual and career endeavors in a fulfilling, rewarding, safe, and healthy environment.

For decades, the health hazards of tobacco and second-hand smoke to individuals have been well studied and chronicled. Further, studies have clearly demonstrated the acute health benefits, medical costs savings, and organizational costs savings when individuals quit smoking.

Thus, in order to provide the California State University's faculty, staff, students, guests and the public with campuses that support the principle of one's individual freedom to learn, teach, work, think and take part in their intellectual endeavors in a fulfilling, rewarding, safe and healthy environment, the creation and implementation of a "smoke and tobacco free" policy system-wide is necessary and welcome.

Campus Presidents or their designees shall have the responsibility for implementing the policy on their campuses with an implementation date of September 1, 2017.

Definitions

Members of the CSU Community: This includes all students, faculty, staff, alumni, university volunteers, contractors or vendors and visitors to any California State University campus or properties.

University Properties: These include the interior and exterior campus areas of any California State University campus. This definition includes buildings (including residence halls), structures (including parking structures), parking lots, and outdoor areas owned, leased or rented by the university or one of its auxiliaries. Also included are vehicles owned, leased or rented by the university or one of the university's auxiliaries. Private vehicles on university-owned, leased, or rented land or in university-owned, leased, or rented parking structures will also be subject to compliance with Executive Order 1108.

Smoke Free: "Smoke Free" means the use of cigarettes, pipes, cigars, and other "smoke" emanating products including e-cigarettes, vapor devices and other like products are prohibited on all University properties.

Smoke or Smoking: "Smoke" or "Smoking" means inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, cigarillo, pipe, hookah, or any other lighted or heated tobacco or plant product intended for inhalation, whether natural or synthetic, in any manner or in any form. "Smoke" or "Smoking" also includes the use of an electronic smoking device that creates an aerosol or vapor, in any manner or in any form, or the use of any oral smoking device for the purpose of circumventing the prohibition of smoking.

Tobacco Product: A product containing, made or derived from tobacco or nicotine that is intended for human consumption, whether smoked, heated, chewed, absorbed, dissolved, inhaled, snorted, sniffed, or ingested by any other means, including, but not limited to cigarettes, cigars, little cigars, chewing tobacco, pipe tobacco, and snuff.

An electronic device that delivers nicotine or other vaporized liquids to the person inhaling from the device, including, but not limited to, an electronic cigarette, cigar, pipe, or hookah. (iii) Any component, part, accessory of a tobacco product, whether or not sold separately. (iv) "Tobacco product" does not include a product that has been approved by the United States Food and Drug Administration for sale as a tobacco cessation product or for other therapeutic purposes where the product is market and sold solely for such an approved purpose.

Tobacco Free: "Tobacco Free" means the use of cigarettes, pipes, cigars, smokeless tobacco, snuffs, and other tobacco products are prohibited on all University properties.

Policy Text

Campus Presidents or their designees shall have the responsibility of implementing this Executive Order on their campuses with an anticipated implementation date no later than September 1, 2017.

Scope of this Executive Order

Effective September 1, 2017, all California State University campuses shall be 100% Smoke Free and Tobacco Free. Smoking, the use or sale of tobacco products, and the use of designated smoking areas are prohibited on all California State University properties. Members of the CSU community are expected to fully comply with the policy.

Any sponsorship and/or advertising in respect to any university activity or event by a tobacco product manufacturer is prohibited unless explicitly authorized by the University President or designee.

Exceptions

Smoking in university-sponsored theater and dance productions, student-authored or sponsored scenes, showcases or workshops produced as part of the department of theatre as well as ceremonial campus events may be authorized by the President or designee only when a required part of a specific performance. This includes smoking and/or tobacco use for traditional ceremonial activities of recognized cultural and/or religious groups.

The use of nicotine cessation products regulated by the United States Food and Drug Administration for treating nicotine or tobacco dependencies is permitted under the terms of this executive order.

(iii) Institutional Review Board approved research on tobacco or tobacco-related products.

Compliance, Responsibilities and Enforcement

Compliance is grounded in an informed and educated campus community. The success of this policy depends on the thoughtfulness, civility and cooperation of all members of the campus community, including visitors.

Members of the CSU community are individually responsible to comply with the creation of a system-wide smoke and tobacco free environment. While compliance with this executive order is an individual responsibility, members of the CSU community should be aware that enforcement of this policy may occur in the following instances:

- University Police shall reserve all enforcement authority with regards to any violation of existing state and federal law.
- Individual agreements that prohibit smoking and proscribe penalties for breaches that are not impacted by this executive order (e.g. University Housing license agreements, other residential licenses, or existing leases).
- Educational campaigns, outreach, communication and the promotion of tobacco cessation treatment options will be the primary means to promote compliance. A comprehensive education and outreach campaign, including resources and referrals for cessation will be made available as part of campus implementation programs.
- The progress this policy represents in promoting the ability of students, faculty, staff and visitors to have a healthier and pleasant campus experience aligns well with the CSU's mission. Individual campus support and diligence in moving forward with

the implementation and amendment of current policies is sincerely appreciated.

- Hostile and/or violent interpersonal conduct directed against members of the CSU community requesting that an individual(s) comply regarding compliance with the terms of this executive order will not be tolerated, and will be enforced under system-wide or campus policies, including but not limited to workplace violence policies.

Implementation

The Vice Chancellor for Human Resources has overall responsibility for implementing this policy. This policy shall supersede all existing campus policies related to smoking and tobacco. Campus task forces will be responsible for developing an implementation plan, and ensuring all activities associated with implementation are carried out. Campus task forces shall include a student representative. A member of each campus task force will serve on the system-wide Smoke and Tobacco Free Policy Task Force to ensure all campuses are adequately moving forward with implementation of this policy. Exclusive Representatives may nominate an individual to serve on the Systemwide Task Force. To provide adequate time to create awareness, outreach, and educational programs, including smoking cessation and counseling programs, this policy is effective September 1, 2017.

Student Rights and Responsibilities

Student Responsibility

Each student is responsible for compliance with the regulations printed in the current catalog, in the current schedule of classes and with official notices posted on official bulletin boards.

Student Discipline

The University seeks to create the optimum climate for academic excellence for both students and faculty. Within this climate, students must have the opportunity to develop an understanding of their roles as citizens in a democracy. In order to achieve these goals, the University strives to minimize its regulatory controls over individual student conduct and to maximize the opportunity for student self-control and self-discipline. Students who attend the University are expected to conduct themselves in a manner compatible with the laws of federal, state and local governments, as well as with the stated purposes of the University.

Inappropriate conduct by students or by applicants for admission is subject to discipline as provided in Sections 41301 through 41304 of Title 5, California Code of Regulations.

Student Conduct

Title 5, California Code of Regulations, § 41301. Standards for Student Conduct

a. University Community Values

The university is committed to maintaining a safe and healthy living and learning environment for students, faculty, and staff. Each member of the university community should choose behaviors that contribute toward this end. Students are expected to be good citizens and to engage in responsible behaviors that reflect well upon their university, to be civil to one another and to others in the university community, and contribute positively to student and university life.

b. Grounds for Student Discipline

Student behavior that is not consistent with the Student Conduct Code is addressed through an educational process that is designed to promote safety and good citizenship and, when necessary, impose appropriate consequences. The following are the grounds upon which student discipline can be based:

1. Dishonesty, including:
 - a. Cheating, plagiarism, or other forms of academic dishonesty that are intended to gain unfair academic advantage.
 - b. Furnishing false information to a University official, faculty member, or university office.
 - c. Forgery, alteration, or misuse of a University document, key, or identification instrument.
 - d. Misrepresenting one's self to be an authorized agent of the university or one of its auxiliaries.
2. Unauthorized entry into, presence in, use of, or misuse of university property.
3. Willful, material and substantial disruption or obstruction of a university-related activity, or any on-campus activity.
4. Participating in an activity that substantially and materially disrupts the normal operations of the University, or infringes on the rights of members of the University community.
5. Willful, material and substantial obstruction of the free flow of pedestrian or other traffic, on or leading to campus property or an off-campus University related activity.
6. Disorderly, lewd, indecent, or obscene behavior at a University related activity, or directed toward a member of the university community.
7. Conduct that threatens or endangers the health or safety of any person within or related to the university community, including physical abuse, threats, intimidation, harassment, or sexual misconduct.
8. Hazing or conspiracy to haze. Hazing is defined as any method of initiation or pre-initiation into a student organization or student body, whether or not the organization or body is officially recognized by an educational institution, which is likely to cause serious bodily injury to any former, current, or prospective student of any school, community college, college, university or other educational institution in this state (Penal Code 245.6), and in addition, any act likely to cause physical harm, personal degradation or disgrace resulting in physical or mental harm, to any former, current, or prospective student of any school, community college, college, university or other educational institution. The term "hazing" does not include customary athletic events or school sanctioned events. Neither the express or implied consent of a victim of hazing, nor the lack of active participation in a particular hazing incident is a defense. Apathy or acquiescence in the presence of hazing is not a neutral act, and is also a violation of this section.
9. Use, possession, manufacture, or distribution of illegal drugs or drug-related paraphernalia, (except as expressly permitted by law and university regulations) or the misuse of legal pharmaceutical drugs.

10. Use, possession, manufacture, or distribution of alcoholic beverages (except as expressly permitted by law and university regulations), or public intoxication while on campus or at a university related activity.
11. Theft of property or services from the university community, or misappropriation of university resources.
12. Unauthorized destruction or damage to university property or other property in the university community.
13. Possession or misuse of firearms or guns, replicas, ammunition, explosives, fireworks, knives, other weapons, or dangerous chemicals (without the prior authorization of the university president) on campus or at a university related activity.
14. Unauthorized recording, dissemination, or publication of academic presentations (including handwritten notes) for a commercial purpose.
15. Misuse of computer facilities or resources, including:
- Unauthorized entry into a file, for any purpose.
 - Unauthorized transfer of a file.
 - Use of another's identification or password.
 - Use of computing facilities, campus network, or other resources to interfere with the work of another member of the university community.
 - Use of computing facilities and resources to send obscene or intimidating and abusive messages.
 - Use of computing facilities and resources to interfere with normal university operations.
 - Use of computing facilities and resources in violation of copyright laws.
 - Violation of a university computer use policy.
16. Violation of any published university policy, rule, regulation or presidential order.
17. Failure to comply with directions or interference with, any university official or any public safety officer while acting in the performance of their duties.
18. Any act chargeable as a violation of a federal, state, or local law that poses a substantial threat to the safety or well-being of members of the University community, to property within the University community or poses a significant threat of disruption or interference with university operations.
19. Violation of the Student Conduct Procedures, including:
- Falsification, distortion, or misrepresentation of information related to a student discipline matter.
 - Disruption or interference with the orderly progress of a student discipline proceeding.
 - Initiation of a student discipline proceeding in bad faith.
- Attempting to discourage another from participating in the student discipline matter.
 - Attempting to influence the impartiality of any participant in a student discipline matter.
 - Verbal or physical harassment or intimidation of any participant in a student discipline matter.
 - Failure to comply with the sanction(s) imposed under a student discipline proceeding.
20. Encouraging, permitting, or assisting another to do any act that could subject him or her to discipline.

Procedures for Enforcing This Code

The chancellor shall adopt procedures to ensure students are afforded appropriate notice and an opportunity to be heard before the university imposes any sanction for a violation of the Student Conduct Code (<https://calstate.policystat.com/policy/14075291/latest/>). [Note: At the time of publication, such procedures are set forth in the California State University Student Conduct Procedure Policy (<https://calstate.policystat.com/policy/14075291/latest/>) (Revised October 6,2023).

Application of This Code

Sanctions for the conduct listed above can be imposed on applicants, enrolled students, students between academic terms, graduates awaiting degrees, and students who withdraw from school while a disciplinary matter is pending. Conduct that threatens the safety or security of the university community, or substantially disrupts the functions or operation of the University is within the jurisdiction of this Article regardless of whether it occurs on or off campus. Nothing in this Code may conflict with Education Code Section 66301 that prohibits disciplinary action against students based on behavior protected by the First Amendment.

Title 5, California Code of Regulations, § 41302. Disposition of Fees: University Emergency; Interim Suspension

The president of the university may place on probation, suspend, or expel a student for one or more of the causes enumerated in Section 41301. No fees or tuition paid by or for such student for the semester, quarter, or summer session in which the student is suspended or expelled shall be refunded. If the student is readmitted before the close of the semester, quarter, or summer session in which the student is suspended, no additional tuition or fees shall be required of the student on account of the suspension.

During periods of emergency, as determined by the president of the individual university, the president may, after consultation with the chancellor, place into immediate effect any emergency regulations, procedures, and other measures deemed necessary or appropriate to meet the emergency, safeguard persons and property, and maintain educational activities.

The president may immediately impose an interim suspension in all cases in which there is reasonable cause to believe that such an immediate suspension is required in order to protect lives or property and to insure the maintenance of order. A student so placed on interim suspension shall be given prompt notice of charges and the opportunity for a hearing within 10 days of the imposition of interim suspension. During the period of interim suspension, the student shall not, without prior written permission of the president or designated representative,

enter any of the CSUs other than to attend the hearing. Violation of any condition of interim suspension shall be grounds for expulsion.

Civil and Criminal Penalties for Violation of Federal Copyrights Law

Anyone who is found to be liable for copyright infringement may be liable for either the owner's actual damages along with any profits of the infringer or statutory damages of up to \$30,000 per work infringed. In the case of a willful infringement, a court may award up to \$150,000 per work infringed. (See 17 U.S.C. §504.) Courts also have discretion to award costs and attorneys' fees to the prevailing party. (See 17 U.S.C. §505.) Under certain circumstances, willful copyright infringement may also result in criminal penalties, including imprisonment and fines. (See 17 U.S.C. §506 and 18 U.S.C. §2319.)

Student Right-to-Know Law

Under the federal Student Right-to-Know legislation, institutions of higher education are required to disclose information regarding graduation rates for first time, full-time, regularly enrolled freshman. Prospective and currently enrolled students may review this information on the CSU Dominguez Hills Division of Student Affairs webpage accessible at www.csudh.edu/stuaffs/coninfo.htm (<http://www.csudh.edu/stuaffs/coninfo.htm>). Questions regarding this information are referred to the Media Relations Office at the University.

The federal government requires that institutions of higher learning inform prospective and continuing students regarding information pertaining to campus crime statistics, graduation and transfer rates, Family Education Rights and Privacy Act of 1974 (FERPA), and athletic participation rates/financial support (Equity in Athletics Disclosure Act). In addition to CSUDH's Drug and Alcohol Policy, this information is available at the following web site: www.csudh.edu/stuaffs/coninfo.htm (<http://www.csudh.edu/stuaffs/coninfo.htm>). Information concerning grievance procedures for students who feel aggrieved in their relationships with the university, its policies, practices and procedures, or its faculty and staff may be obtained from The Office of Human Resources Management, 1000 E. Victoria St. Carson, CA 90747. (310) 243-3771.

Student Complaint Procedure (Complaints Regarding the CSU)

The California State University (CSU) takes very seriously complaints and concerns regarding the institution. If you have a complaint regarding the CSU, you may present your complaint as follows:

1. If your complaint concerns CSU's compliance with academic program quality and accrediting standards, you may present your complaint on the Western Association of School and Colleges (WASC) website (<http://www.wascsenior.org/comments/>). WASC is the agency that accredits the CSU's academic program.
2. If your complaint concerns an alleged violation by CSU of any law that prohibits discrimination, harassment or retaliation based on a protected status (such as age, disability, gender (or sex), gender identity, gender expression, nationality, race or ethnicity (including color, caste, or ancestry), religion or veteran or military status), you may present your complaint as described in Section XVI (Nondiscrimination Policy).
3. If your complaint concerns an alleged violation by the CSU of other state law, including laws prohibiting fraud and false advertising,

you may present your complaint to the university president or designee, the Provost and Vice President of Academic Affairs at academicaffairs@csudh.edu. See Procedure for Student Complaints –Executive Order No. 1063 for details regarding the complaint requirements and complaint process.

4. Other complaints regarding the CSU may be presented to the university dean of students [or other appropriate administrator], who will provide guidance on the appropriate university process for addressing your particular issue.

If you believe that your complaint warrants further attention after you have exhausted all the steps outlined by the university, or by WASC, you may file an appeal with the Assistant Vice Chancellor, Academic and Student Affairs (or designee) at the CSU Chancellor's Office.

This procedure should not be construed to limit any right that you may have to take legal action to resolve your complaint.

Veterans' Responsibilities

Students receiving veteran's benefits have several important responsibilities regarding their certification status for receipt of those benefits. These responsibilities are:

Prompt Notification of Withdrawal

It is the responsibility of each veteran student receiving benefits to notify the Registrar's Office immediately upon withdrawal from the University. This is done through use of the Notice of Withdrawal form. The form, including last date of attendance, should be completed and submitted promptly upon cessation of attendance.

Prompt Notification of Change in Units

When a course is added or dropped, the veteran student must complete and submit the Change of Program form immediately, including last date of attendance for dropped courses, so that any necessary adjustment in certification may be prepared and submitted by the school certifying official from the Veterans Resource Center. For questions, please contact sco@csudh.edu.

Enrollment in Proper Courses for Graduate Level Students

Graduate level veteran students are reminded that full-time certification for eight units is based upon enrollment in eight units of graduate level (500) courses or undergraduate level courses which are part of the graduate program. Enrollment in eight units of courses other than courses in the graduate program does not constitute full-time enrollment status. The status of graduate level students enrolled in undergraduate courses not in the graduate program will be certified as less than full time.

GENERAL EDUCATION

In keeping with the mission of CSUDH to "provide education, scholarship and service that are, by design, accessible and transformative," our General Education (GE) program seeks to provide foundational learning opportunities that help students make deep connections and find personal meaning that propels them throughout their education and life beyond the university. The Association of American Colleges and Universities calls this a liberal education; or, one in which students are free "to seek after the truth unencumbered by dogma, ideology, or preconceived notions." Additionally, one with a liberal education can be "both broad-and open-minded, and is, therefore, less susceptible to manipulation or prejudice." (AAC&U, 2020) A General Education program provides a wide range of pathways for students to explore multiple ideas, perspectives, ways of knowing, and problems while also situating themselves in relation to this broader learning through various disciplines both as a student and a member of their community and the world.

Through GE, CSUDH students will take part in learning experiences that support growth toward 8 learning outcomes:

1. **Metacognition:** Critically reflect on past experiences to explore and direct their own learning;
2. **Critical Inquiry:** Learn to use critical inquiry skills and then apply these fundamental tools to a variety of qualitative or quantitative reasoning contexts;
3. **Communication:** Effectively use oral, written, creative, and digital modes of communication relevant to audience, purpose and context;
4. **Information Literacy:** Locate, evaluate, and incorporate information applicable to a particular field or inquiry;
5. **Race, Equity and Social Justice:** Examine societal, cultural, and historical contexts of race, class, gender, and sexualities in order to understand the differential and intersectional impacts of racism, oppression, and social inequality on individuals and groups in the United States;
6. **Integrative Learning and Problem Solving:** Address complex ideas and questions by drawing from and synthesizing a range of relevant disciplinary ideas, principles, and methods;
7. **Global Perspectives:** Critically analyze and engage with complex interdependent global systems and legacies and understand their implications for people's lives; and,
8. **Community Engagement:** Think critically about their roles and responsibilities as stakeholders in communities at the campus, local, national, and global levels in order to engage in mutual exchange of knowledge.

Together these outcomes should allow for students to develop a well-rounded foundation for their studies that promotes their identities, strengths, and values while engaging with diverse voices and perspectives throughout their university and community.

The General Education Program requires 49 semester units: (A) 9 units of English Language Communication and Critical Thinking; (B) 13 units of Scientific Inquiry and Quantitative Reasoning; (C) 12 units of Arts and Humanities; (D) 9 units of Social Sciences, (E) 3 units of Lifelong Learning and Self-Development; and (F) 3 units of Ethnic Studies

Area A: English Language Communication and Critical Thinking (9 units)

Courses in Area A introduce students to college-level skills necessary for their continued success at the university and after graduation. Area A courses refine students' abilities to read and write effectively in a variety of rhetorical situations; to distinguish sound, forceful reasoning from faulty reasoning; to publicly present their own ideas and research; and to locate, interpret, evaluate, and effectively and ethically use source materials. Because of the foundational nature of these courses, students must complete this section of General Education within their first 60 units. Students must earn a grade of C- or better in Area A courses in order to satisfy these GE requirements. Skills acquired in Area A courses will be developed further in other GE and major courses.

A1. Oral Communication

Students who complete the Basic Skills requirement in Oral Communication will be able to:

1. discuss the elements of oral communication, including basic rhetorical strategies in speech;
2. give lucid, logical and persuasive speeches in a variety of contexts;
3. display self-confidence in interpersonal and group communication;
4. utilize effective delivery techniques; and
5. listen to and analyze the effectiveness of other speakers.

Students are exempted from the Basic Skills course in Oral Communication by a suitable score on a challenge examination.

A2. Written Communication

Students who complete the English, Communication, & Critical Thinking requirement in Composition will develop proficiency in oral and written communication in English. In particular, they will be able:

1. to define and apply key rhetorical concepts through analyzing and composing a variety of texts in several genres and modes (print, visual, digital, oral, multimodal);
2. to demonstrate rhetorical awareness and flexibility by discussing how other writers adapt language for audience, situation and purpose and by consciously adapting their own writing to a variety of situations and contexts that call for purposeful shifts in voice, tone, style, design, medium, structure, and conventions;
3. to compose persuasive arguments that articulate a clear, thoughtful position, deploy support and evidence appropriate to audience, situation, and purpose, and consider counterclaims and multiple points of view;
4. to demonstrate awareness of writing as a recursive, social process by reading, writing, and collaborating to discover and deepen ideas, reflecting on their rhetorical choices, and revising those choices in response to feedback from readers;
5. to identify how and why conventions vary by genre, discipline, and occasion and use resources to effectively employ appropriate formatting, style, citation, and grammar conventions;
6. to demonstrate awareness of proper citation conventions and their relation to concepts of intellectual property and authorial responsibility;
7. to practice and demonstrate the ability to use conventions of Standard Written English in order to communicate with academic and professional audiences.

Students are exempted from Basic Skills courses in English Composition by a suitable score on the Advanced Placement Test, the English Equivalency Examination, or a composition challenge examination.

A3. Logical/Critical Reasoning

Students who complete the Basic Skills requirement in Logic/Critical Reasoning will be able to:

1. understand basic logic and its relation to language; elementary inductive and deductive process, including an understanding of the fallacies of language and thought;
2. recognize the differences between assumptions, inferences, conclusions, facts and opinions;
3. develop the abilities to analyze, criticize, and advocate ideas; to reason inductively and deductively, and to reach well-supported factual or judgmental conclusions; and
4. apply the concepts and skills of critical reasoning to solve academic and everyday problems.

Students are exempted from the Basic Skills course in Logic/Critical Reasoning by a suitable score on a challenge examination.

Note: In Area A, all courses must be passed with a grade of "C-" or higher. In all other areas of General Education, a grade point average of 2.0, calculated at graduation, is required.

Area B: Scientific Inquiry and Quantitative Reasoning (13 units)

In Area B1-3 courses, students develop their knowledge of scientific theories, concepts, and data about both living and non-living systems, as well as an understanding and appreciation of scientific principles and the scientific method, including the potential limits of scientific endeavors. Scientific literacy also includes the ability to think in an informed manner about social, legal, ethical, and political issues that involve science and technology.

In Area B4 courses, students will engage with meaningful mathematics and will be prepared for Science, Technology, Engineering, and Math courses, for quantitative courses in other majors, and to solve problems of everyday life. Students must earn a grade of C- or better in Area B4 courses in order to satisfy these GE requirements; skills acquired in Area B4 courses will be developed further in other GE and major courses.

B1. Physical Science

Students will learn the methods of the natural sciences as these methods are seen and used by working scientists. In addition, they will explore the characteristic attributes of fundamental scientific concepts from the perspective of the natural sciences. Finally, they will learn the structure and results of a fundamental, comprehensive physical science, which is principally analytic, quantitative and deductive.

Students who complete the Natural Science in Physical Science requirement will be able to:

1. demonstrate an understanding of the scientific assumption that nature has an objective existence that is intelligible;
2. distinguish between a scientific hypothesis and the idea of pseudoscience;
3. describe the systematic observation of nature and the detection of similar patterns in observed phenomena;

4. describe the importance of limitation of scope in the production of useful concepts and the related limits to the applicability and usefulness of scientific models and concepts;
5. describe the formulation of hypotheses and models to explain these patterns and the use of these models and hypotheses to make testable predictions;
6. discuss the roles of quantitative and of formal manipulation of models and relationships in generating predictions;
7. discuss the design and execution of tests of hypotheses and the subsequent rejection, modification, or refinement of the hypotheses; and
8. describe the relationship between scientific ideas and their technological applications;
9. understand and appreciate applications, advantages, and limitations of computational methodology in Physical Science, in particular, in the modeling process.

B2. Natural Sciences in Life Science

Students who complete the Natural Science in Life Science requirement will be able to:

1. describe a representative selection of fundamental concepts and principles of the life sciences;
2. cite various phenomena in a variety of contexts that illustrate the applicability of specific principles of the life sciences;
3. describe some of the major applications of the principles of the life sciences;
4. describe some of the major effects that the life sciences and related technologies have had on societies.

B3. Natural Sciences in Science Laboratory

Students who complete the Natural Science in Science Laboratory requirement will be able to:

1. discuss application of a representative selection of fundamental concepts and principles of a science;
2. apply the scientific method in a laboratory situation; and
3. cite various phenomena that illustrate the applicability of specific principles of a science.

B4. Basic Skills in Quantitative Reasoning and Problem Solving

Students who complete the Basic Skills requirement in Quantitative Reasoning and Problem Solving will be able to read and understand mathematical arguments and data, and use mathematics effectively to analyze and solve problems that arise in ordinary and professional life. They shall develop skills and understanding beyond the level of intermediate algebra. In particular, students will:

1. understand and apply ideas and techniques of finite mathematics such as consumer mathematics probability, statistical analysis, hypothesis testing, linear programming, **or**

2. understand and apply the ideas and techniques of college algebra, trigonometry, logarithms and exponentials, and elementary functions, **or**
3. understand and apply ideas and techniques of calculus.

Students in area B4 will not just practice computational skills, but will be able to explain and apply basic mathematical concepts and will be able to solve problems through quantitative reasoning.

Students are exempted from the Basic Skills course in Quantitative Reasoning if they receive a suitable score on a challenge examination or if they successfully complete a course requiring more advanced mathematical ability.

B5: Integrative Studies in the Natural Sciences

Courses in Integrative Studies in the Natural Sciences and Technology are interdisciplinary courses that build upon the knowledge students have acquired by completing their lower division coursework in the natural sciences and technology. While these courses will include content from disciplines outside the natural sciences and technology, their primary focus is on integration of knowledge within the natural sciences and technology.

Students who complete the requirement for Integrative Studies in the Natural Sciences will be able to:

1. discuss the relationship of science to humanity through inquiry into: the origin of scientific discovery, the implications and consequences of scientific and technological development, and the impact of natural processes on the works of people as well as on its result: artifact;
2. describe some of the major effects that science and technology have had on societies; and
3. discuss the interdisciplinary approaches to methods, processes, effects, terminology and major concepts of science and technology; and
4. describe and discuss ethical and legal concepts and issues related to science and technology, in particular, the concept of intellectual property and its protection.

Area C: Arts and Humanities (12 units)

In Area C courses, students develop an understanding and appreciation of the works of the human mind and imagination. Arts and Humanities coursework explores the rich history and diversity of human knowledge and creativity as expressed in the arts, literatures, religions, and philosophies of their own and other cultures. By viewing such human endeavors in an historical and aesthetic context, students learn not only to analyze critically but also to value the rich cultural products of our complex world. Area C courses educate students to be global citizens who are equipped to make independent judgments using their own imagination and reason.

C1: Arts (3 - 6 units)

Students who complete the Arts requirements will:

1. gain aesthetic training through direct experience of works of music, art, and literature, learn the bases on which such works are studied, and the critical cannons applied to them, extending their understanding beyond personal opinion to critical evaluation;

2. have opportunities to create musical, artistic, or literary works, with the opportunity to have their work evaluated by peers and/or a faculty member applying appropriate critical criteria;
3. be able to synthesize an understanding of the relationships among various forms of human expression both within an era and culture and across these boundaries.

C2: Humanities (3 - 6 units)

Students who complete the Humanities requirements will:

1. become acquainted with significant works of art, literature, music, and philosophy from a range of cultures;
2. understand the development over time of their own and other cultures;
3. develop an understanding of the relationships among various forms of human expression both within an era and culture and across these boundaries.

C3: Integrative Studies in Arts and Humanities (3-units upper division)

Upper division General education courses in the arts and humanities build on the lower division courses by developing integrated humanistic and artistic world-views.

Students who complete the requirement for Integrative Studies in the Arts and Humanities requirements will be able to:

1. discuss the relationships among the various disciplines that comprise the humanities;
2. place these relationships within a historical context;
3. relate the humanities to modern life;
4. demonstrate the use of imagination and synthesis through aesthetic and intellectual activities.

Area D: Social Sciences (9 units)

Courses in the Social Sciences help students better understand how social, political, and economic institutions and behavior are intricately interwoven. In an increasingly complex, interdependent, and changing world, individuals must learn how to cope with pressing social problems and how to manage and improve the conditions, institutions, and outcomes that affect them. Area D courses introduce students to the primary structural levels of analysis used in the various disciplines and demonstrate the significance of historical backgrounds to contemporary behavior.

D1. Individual Perspectives, Groups and Society (3 units)

On completing a course in this category a student will be able to demonstrate an understanding of the:

1. basic concepts and methods necessary for studying the personal functioning and social behavior of individuals.
2. influence of psychological and social processes on the development of the perception of self and others.
3. nature of cognition and language and their relationship to critical aspects of social and personal development.
4. social and psychological variations in individual behavior.
5. conceptual and methodological frameworks necessary for studying groupings in a society.

6. interrelationships between various institutions and group dynamics within a society, and their role in generating and resolving social issues.
7. cultural and group diversity and applications of the concept of cultural relativity.

D2. Global and Historical Perspectives (3 units)

On completing a course in this category, a student will be able to demonstrate an:

1. awareness of and knowledge about the international system and world environment.
2. understanding of the global interdependencies among people, outlooks, institutions and attributes.
3. appreciation of the role of the individual as an international observer, analyst and participant.
4. ability to analyze historical change and cultural process.
5. understanding that current issues and conditions are shaped by their past historical and cultural development.
6. understanding of the complexity of evolutionary and historical processes and of the limits on and potential for social change.
7. understanding of how sciences which deal with the human past formulate and test hypotheses to understand change and how they evaluate sources, whether human fossils, artifacts or written documents.

D3. Integrative Studies in the Social Sciences (3 units - upper division)

The categories of upper division courses in the social sciences represent integrative themes and contemporary research applications. Focusing on specific topics, students will explore the conceptual and methodological links among the social sciences or subfields of a discipline. Courses will stress contemporary research, interpretations, issues and trends. Specific objectives of the categories are as follows:

1. Courses in individual processes focus on the interaction among factors that shape the individual.
2. Courses in social issues focus on contemporary social, political or economic concerns and problems using a variety of perspectives in the social sciences.
3. Courses in global trends focus on social, political, environmental and economic processes seen from a global perspective.
4. Courses in social change focus on major processes of continuity and development and on the origination and impact of new ideas, social structures and technologies.
5. Courses in cultural pluralism focus on the nature of cultural diversity and the processes of cultural interaction, interethnic relations and cultural integration on community, national and international scales.

Students must take 9 units from the GE category. Select one course from each category below and one more course from either category 1 or 2. A student may not take all 3 courses in this area from a single academic department.

Area E: Lifelong Learning and Self-Development (3 units)

Area E courses are designed to equip learners for lifelong understanding and development of themselves as integrated physiological, social, and psychological beings. Drawn from a wide range of disciplines and

perspectives, Area E courses focus on the development of skills, abilities, and dispositions that not only promote students' academic success but also enhance their lives after college.

Students who complete the Lifelong Learning and Self-Development requirement will be able to:

1. Demonstrate an understanding of oneself as an integrated physiological, social and psychological organism; and
2. Discuss key relationships of humankind to the social and physical environment, including matters selected from the following: human behavior, sexuality, nutrition, physical and mental health, stress management, financial literacy, social relationships and relationships with the environment, implications of death and dying and avenues for lifelong learning, including those based on modern technology.

Area F: Ethnic Studies (3 units)

Courses in Area F explore the interrelatedness and intersection of race and ethnicity with class, gender and sexuality and other forms of difference, hierarchy and oppression. Courses are grounded and centered in the cultures, concrete-lived conditions, and living histories of peoples of color in the United States. Courses have an explicit commitment to linking scholarship, teaching and learning to intellectual traditions and scholarly contributions of ethnic studies, social engagement (service and struggle), social change, and social justice.

1. Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethnocentrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty, imperialism, settler colonialism, and anti-racism as analyzed in any of the following disciplines: Africana Studies, Asian Pacific Studies, Chicana and Chicano Studies, and Indigenous Peoples of the Americas.
2. Apply theory and knowledge produced by Native American, African American, Asia American and Pacific Islander, Chicana and Chicano, and/or LATina and LATino communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group-affirmation
3. Critically analyze the intersection of the race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and/or age in Native American, African American, Asian American and Pacific Islander, Chicana and Chicano, and/or Latina and Latino communities.
4. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation as experienced, promoted and enacted by Native American, African American and Pacific Islander, Chicana and Chicano, and/or Latina and Latino communities are relevant to current and structural issues such as communal, national, international, and transnational politics as, for examples, in immigration, reparations, settler-colonialism, multiculturalism, and language policies.
5. Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements that empower Native American, African American, Asian American and Pacific Islander, Chicana and Chicano, and/or Latina and Latino communities to build a just and equitable society.

Double Counting of General Education Courses (p. 117)

General Education courses may be double-counted in either the major or the minor as indicated in the major or minor program requirements. A double-counted course counts three units (not six) towards graduation.

Honors Program

An Honors Program for new and continuing students began in fall 1983 with specially-designated sections of General Education courses. This program provides Honors Students with opportunities for special study, advisement and enrichment programs throughout their undergraduate careers. It is, however, currently suspended. For further information, contact the Dean of Undergraduate Studies (academicprograms@csudh.edu).

General Education Program Requirements (49 units)

Requirements (49 units)

General Education Residence Requirement: The California State University System requires all students to complete 9 semester units in general education at the campus from which they graduate. Following is the list of courses that are offered in the General Education program. These courses fulfill the objectives stated in the program description. For complete course descriptions, refer to those sections of the University Catalog that describe the programs offering the courses. All Area A courses and the Quantitative Reasoning requirement in Area B must be passed with a grade of "C-" or higher. A grade point average of 2.0 calculated at graduation, is required for the entire General Education Pattern.

Area A. English Language Communication and Critical Thinking (9 units required)

Complete one course from each of the following categories (A1, A2, A3):¹

A1. Oral Communication (3 units):

| Code | Title | Hours |
|---------|------------------------|-------|
| THE 120 | Fundamentals of Speech | 3 |

A2. Written Communication (3 units):

| Code | Title | Hours |
|-------------------|---|-------|
| ENG 108 & ENG 109 | Freshman Composition I: Stretch 1 and Freshman Composition I: Stretch 2 * | 6 |
| ENG 110 | Freshman Composition Accelerated | 3 |
| ENG 112 | Freshman Composition Supported | 3 |

* If stretch course option is selected, completion of *both* ENG 108 and 109 is required to satisfy A2. ENG 108 must be completed with a grade of CR. ENG 109 must be completed with a grade of "C-" or higher.

A3. Logical/Critical Reasoning (3 units):

| Code | Title | Hours |
|---------|---|-------|
| CSC 121 | Introduction to Computer Science and Programming I ² | 4 |
| MAT 271 | Foundations Of Higher Math | 3 |

| | | |
|---------|---------------------------------------|---|
| PHI 120 | Critical Reasoning | 3 |
| PSY 110 | Critical Thinking and Problem Solving | 3 |
| PHI 220 | Symbolic Logic | 3 |

¹ Courses in area A and area B4 must be passed with a grade of "C-" or higher.

² Meets Area A3 for the following programs, BA Computer Technology, BS Computer Science and BS Information Technology

Area B. Scientific Inquiry and Quantitative Reasoning (13 units required)

Complete one course from each of the categories (B1, B2, B3, B4, B5):²

B1. Physical Science (3 units):

| Code | Title | Hours |
|---------|------------------------------------|-------|
| CHE 102 | Chemistry For The Citizen | 3 |
| CHE 110 | General Chemistry I ³ | 5 |
| EAR 100 | Physical Geology | 3 |
| GEO 200 | Physical Geography | 3 |
| PHY 100 | Patterns In Nature | 3 |
| PHY 120 | Elements Of Physics I ⁴ | 4 |
| PHY 130 | General Physics I ⁵ | 5 |

³ Students majoring or minoring in one of the natural sciences (Biology, Biochemistry, Biophysics, Chemistry, or Physics) may substitute more advanced science courses. These students should see a faculty advisor.

⁴ Meets area B1 and B3 for the following programs only: BS Biochemistry, BA Chemistry: Biochemistry Option, BA Chemistry: General Chemistry Option, BS Chemistry, BA Biology, BS Biology, Minor in Biology, Minor in Microbiology, Minor in Organic/Biochemistry, BS in Clinical Science, BS in Earth Science, BA in Physical Education: Pre-Physical Therapy Option, BS in Physics

⁵ Meets Area B1 and B3 for the following programs only: BS Biochemistry, BA Biology, BS Biology, BA Chemistry: Biochemistry Option, BS Earth Science, BA Physical Education: Pre-Physical Therapy Option, BS Quality Assurance

⁶ Meets Area B1 and B3 for the following programs only: BS Biochemistry, BS Biology, BA Chemistry: Biochemistry Option, BA Chemistry: General Chemistry Option, BS Chemistry, BS Computer Science, BS Mathematics, BS Physics, Minor in Physics

B2. Natural Sciences in Life Science (3 units):

| Code | Title | Hours |
|---------|---------------------------------------|-------|
| ANT 101 | Intro to Biological Anthro | 3 |
| BIO 102 | General Biology | 3 |
| BIO 120 | Principles of Biology I ⁶ | 3 |
| BIO 122 | Principles of Biology II ⁷ | 3 |

⁷ Meets Area B2 for the following programs only: BS Biochemistry, BA Biology, BS Biology, Minor in Biology, Minor in Microbiology, BS in Clinical Science, BS Earth Science, BA Physical Education: Pre-Physical Therapy Option

⁸ Meets Area B2 for the following programs only: BS Biochemistry, Ba Biology, BS Biology, Minor in Microbiology, BS Clinical Science, BS Earth Science

B3. Natural Sciences in Science Laboratory (1 units):

| Code | Title | Hours |
|---------|---|-------|
| BIO 103 | General Biology Laboratory ⁸ | 1 |
| BIO 121 | Principles of Biology Laboratory I ⁹ | 1 |
| BIO 123 | Principles of Biology Laboratory II ¹⁰ | 1 |
| CHE 103 | Chemistry Lab for the Global Citizen | 1 |
| EAR 101 | Physical Geology Laboratory ¹¹ | 1 |

⁹ Concurrent enrollment in BIO 102 General Biology or prior life science course recommended.

¹⁰ Meets Area B3 for the following programs only: BS in Biochemistry, BS Biology, Minor in Biology, Minor in Microbiology, BS Clinical Science, BS Earth Science, BA Physical Education: Pre Physical-Therapy Option

¹¹ Meets Area B3 for the following programs only: BS Biochemistry, BA Biology, BS Biology, Minor in Microbiology, BS in Clinical Science, BS Earth Science

¹² Concurrent enrollment in EAR 100 Physical Geology or prior earth science course recommended.

B4. Quantitative Reasoning and Problem Solving (3 units): ¹

| Code | Title | Hours |
|---------|---|-------|
| MAT 105 | Finite Mathematics | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 132 | Statistics and Probability with Support | 4 |
| MAT 134 | Statistics & Probability - Supported | 4 |
| MAT 151 | College Algebra and Trigonometry | 4 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| MAT 155 | Pre-Calculus | 4 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |

¹ Courses in area A and area B4 must be passed with a grade of "C-" or higher.

B5. Integrative Studies in the Natural Sciences (3 units):

| Code | Title | Hours |
|---------|-------------------------------------|-------|
| BIO 336 | Environmental Biology | 3 |
| BIO 340 | Genetics | 3 |
| BSN 346 | Human Pathophysiology ¹² | 3 |
| CSC 301 | Computers And Society | 3 |
| EAR 312 | Natural Disasters | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HEA 466 | Environmental Health Problems | 3 |
| IDS 310 | Global Climate Change | 3 |
| LBS 380 | Blended Science Methods | 4 |
| SMT 310 | Science and Technology | 3 |

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|---------|---|---|
| SMT 314 | Introduction to Cosmology | 3 |
| SMT 410 | Development of Scientific Thinking and Theories | 3 |
| SMT 416 | Earth Science For Teacher | 3 |

¹³ Course restricted to Nursing majors

Area C. Arts and Humanities (12 units required)

Complete one course from each of the following categories (C1, C2, C3) and one additional lower division course from area C1 or C2 (4 courses total):

C1. Arts Courses (3 - 6 units):

| Code | Title | Hours |
|---------|---|-------|
| AFS 205 | Introduction to Hip Hop | 3 |
| APP 225 | Pacific Islander Culture in Oceania and the U.S. | 3 |
| ART 100 | Looking At Art | 3 |
| ART 101 | Experiencing Creative Art | 3 |
| COM 130 | Introduction to Film | 3 |
| DAN 130 | Global Dance Perspectives | 3 |
| ENG 271 | Introduction to Creative Writing | 3 |
| MUS 101 | Introducing Music | 3 |
| MUS 110 | Music Fundamentals | 3 |
| MUS 201 | Music in Film: From the Silent Era to The Lord of the Rings | 3 |
| MUS 250 | History of Rock | 3 |
| THE 100 | Television Film & Theatre | 3 |
| THE 160 | Acting For Non-Majors | 3 |
| WMS 330 | Queer Art and Visual Culture | 3 |

C2. Letters Courses (3 - 6 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 200 | Intro to Africana Studies | 3 |
| APP 101 | Introduction To Asian Studies | 3 |
| CHS 100 | Chicana/o Cultural Roots | 3 |
| CHS 205 | Introduction to Chicana/o Literature | 3 |
| COM 100 | Media & Society | 3 |
| ENG 230 | Literature and Popular Culture | 3 |
| FRE 220 | Second Year French | 3 |
| HUM 204 | Introduction to the Humanities | 3 |
| JPN 110 | Beginning Japanese I | 3 |
| JPN 111 | Beginning Japanese II | 3 |
| LBR 202 | Class Struggles in Film and Popular Culture | 3 |
| PHI 101 | Moral Problems | 3 |
| PHI 102 | Humanity, Nature & God | 3 |
| PHI 201 | The Good Life | 3 |
| PHI 202 | The Devil You Don't Know | 3 |
| SPA 151 | Introduction to Hispanic Culture | 3 |
| SPA 221 | Intermediate Spanish II | 3 |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | 3 |
| WMS 410 | Queer of Color Critique | 3 |

C3. Integrative Studies in the Humanities (3 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 331 | Key Movements: African Literature and Culture | 3 |
| AFS 332 | Key Movements: Harlem Renaissance | 3 |
| AFS 333 | Black Movements of the Sixties | 3 |
| AFS 334 | African Culture and Art | 3 |
| APP 314 | Asian Americans and the Media | 3 |
| APP 315 | Asian Pop Culture and Globalization | 3 |
| APP 325 | Asian Pacific Art, Music and Literature | 3 |
| APP 339 | Asian Diaspora and Transnational Asian Religions | 3 |
| APP 343 | Asian Pacific Film & Literature | 3 |
| ARH 370 | Art and Social Protest | 3 |
| CHS 340 | Native American and Chicana Women's Narrative | 3 |
| CHS 345 | Latina/o Identities in the Americas | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| ENG 360 | Heroes and Antiheroes | 3 |
| ENG 362 | Environment in Literature & Culture | 3 |
| ENG 364 | Literary Utopia | 3 |
| HIS 355 | American Civil Rights History | 3 |
| HIS 375 | Pop Culture in History | 3 |
| HIS 376 | Film As History | 3 |
| HUM 300 | Health Humanities | 3 |
| HUM 301 | Mind/Brain and the Arts | 3 |
| HUM 302 | Lives of Faust: Deals with the Devil | 3 |
| HUM 303 | All Creatures Great & Small: Animals from Sacred to Endangered | 3 |
| HUM 304 | Vampires | 3 |
| HUM 305 | Never Lose Infinite Hope: Imagining Justice, Cultivating Mental Wellness | 3 |
| HUM 310 | Key Concepts | 3 |
| HUM 312 | Key Movements | 3 |
| HUM 314 | Key Issues | 3 |
| IDS 312 | Interdisciplinary Approaches to the Humanities | 3 |
| LBR 310 | Success and Values | 3 |
| LBR 312 | Decade of the Sixties | 3 |
| LBR 314 | Key Issues: American Dream | 3 |
| MUS 302 | African American Music | 3 |
| MUS 312 | The Jazz Age | 3 |
| MUS 345 | Global Popular Music: Identity and Social Change | 3 |
| MUS 486 | Music History III: 1880 to Contemporary | 3 |
| NCR 390 | Fundamentals of Conflict Resolution and Peacebuilding | 3 |
| PHI 351 | Death and Dying | 3 |
| PHI 352 | Myth as Reality | 3 |
| PHI 353 | Age of Revolt | 3 |
| PHI 383 | Comparative Religions | 3 |
| SPA 310 | Romantic Love in the Western Tradition | 3 |
| SPA 312 | Hispanic Literature, Art and Culture | 3 |
| SPA 313 | Encountering the Other | 3 |
| THE 313 | Voices of Contemporary Women Playwrights | 3 |
| THE 315 | Key Concepts: The American Musical | 3 |
| THE 317 | Theatre of Revolt | 3 |

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|---------|---|---|
| THE 319 | The Power of Masks | 3 |
| WMS 310 | The Witch in Literature | 3 |
| WMS 311 | Comedy, Sex and Gender | 3 |
| WMS 314 | Feminism and Film | 3 |
| WMS 315 | Literary Topics in Gender Studies and Sexuality Studies | 3 |
| WMS 380 | Gender and Sexuality in Popular Culture | 3 |

Area D. Area of the Social Sciences (9 units required)

Complete one course from each of the following categories (D1, D2, D3). Courses must be taken from more than one department (e.g., if you satisfy D1 and D2 with anthropology courses, then D3 category *cannot* be satisfied with an anthropology course. At least one area D course must be from a different department).

D1. Perspectives on Individuals, Groups and Society (3 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 220 | African World Peoples & Soc. | 3 |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| CDV 150 | Intro Child Development | 3 |
| ECO 200 | Contemporary Econ Issues | 3 |
| ECO 210 | Economic Theory 1A Micro | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| IDS 210 | Introduction to Environmental Studies | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| LBR 101 | Introduction to Labor Studies: Work, Wealth and Power | 3 |
| LBS 205 | Child and Adolescent Development | 3 |
| NCR 291 | Psychology of Peacebuilding | 3 |
| PSY 101 | General Education Psychology: Understanding Human Behavior | 3 |
| SOC 101 | The Individual In Society | 3 |
| SOC 102 | Understanding Social Relationships in a Global Perspective | 3 |
| WMS 200 | Foundations in Queer Studies | 3 |
| WMS 250 | Foundations in Women's Studies | 3 |

D2. Global and Historical Perspectives (3 units):

| Code | Title | Hours |
|---------|---|-------|
| AFS 201 | African World Civilizations | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| ENG 150 | Languages of the World | 3 |
| GEO 100 | Human Geography | 3 |
| HIS 120 | World History I | 3 |
| HIS 121 | World History II | 3 |
| LBR 200 | Labor and the Environment | 3 |
| MGT 200 | Global Organizational Ethics and Social Responsibility | 3 |
| POL 100 | General Education Political Science: World Perspectives | 3 |

D3. Integrative Studies in the Social Sciences (3 units):

| Code | Title | Hours |
|---------|--|-------|
| AFS 310 | The African American Experience in the US | 3 |
| AFS 311 | Afro Latinidad & the Caribbean | 3 |
| AFS 312 | Cultural Pluralism: Ethnic & Global Society | 3 |
| ANT 312 | Language And Culture | 3 |
| ANT 330 | North American Indians | 3 |
| ANT 334 | Mesoamerica Past and Present | 3 |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | 3 |
| ANT 337 | Ethnography and Film | 3 |
| ANT 338 | Mainland Southeast Asia | 3 |
| ANT 342 | South America | 3 |
| ANT 371 | Historical and Cultural Perspectives in Disability Studies | 3 |
| APP 311 | Contemporary Issues in Asian American Communities | 3 |
| APP 318 | Vietnamese, Cambodian, and Lao Americans: Culture, History, and Identity | 3 |
| APP 327 | Values and Communication of Asian Pacific Cultures | 3 |
| APP 335 | Asian Pacific Culinary Culture | 3 |
| APP 350 | Asian-Pacific Gender and Family | 3 |
| BSN 306 | Cult Diversity Healthcare ¹³ | 3 |
| CHS 323 | Latina/o Perspectives on U.S. Immigration and Citizenship | 3 |
| CHS 330 | Latina/o Identities in U.S. | 3 |
| CHS 335 | Urban Youth Gangs in Los Angeles | 3 |
| GEO 318 | Cultural Pluralism The Human Environment: Methods of Knowledge and Truth | 3 |
| HEA 468 | Multicultural Health | 3 |
| HIS 340 | American West | 3 |
| HIS 348 | Labor In American Society | 3 |
| HIS 352 | Topics in United States Foreign Relations History | 3 |
| HIS 354 | History of American Immigration | 3 |
| HIS 356 | American Environmental History: American Environment from Pre-Contact (prior to 1500) to the Present | 3 |
| HIS 380 | Women In History | 3 |
| IDS 304 | Issues in Global Studies | 3 |
| IDS 318 | Interdisciplinary Approach to Cultural Pluralism | 3 |
| ITC 300 | Security in a Digital Society | 3 |
| LBR 313 | The Future of Workers and Work | 3 |
| LBR 316 | Working Class and Education | 3 |
| LBR 350 | Research Methods for Social Change | 3 |
| LBR 365 | Racial Capitalism | 3 |
| LBS 370 | Multicultural Studies | 5 |
| MLG 318 | New Perspectives on Language and Sex | 3 |
| NCR 391 | Restorative Justice | 3 |
| POL 350 | History of Political Ideas | 3 |
| POL 351 | Modern Political Thought | 3 |
| POL 354 | American Political Thought | 3 |
| SBS 318 | Cultural Pluralism: | 3 |

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|---------|------------------------------------|---|
| SPA 318 | Movements of Latin America | 3 |
| WMS 318 | Race, Class and Gender | 3 |
| WMS 340 | Politics of Women's (Un)Paid Labor | 3 |
| WMS 390 | Transnational Feminisms | 3 |

¹³ Restricted to Nursing Majors

Area E. Lifelong Learning and Self-Development (3 units)

Select one of the following:

| Code | Title | Hours |
|---------|---|-------|
| BUS 100 | Entrepreneurship For Everyone | 3 |
| CIS 275 | Internet Literacy | 3 |
| ENG 107 | Reading & Writing LA | 3 |
| FIN 200 | Personal Finance for Non-Finance Majors | 3 |
| HEA 100 | Health & Lifestyles | 3 |
| HEA 104 | Food, Health and Environment | 3 |
| HEA 201 | Healthcare Systems and Perspectives | 3 |
| KIN 235 | Lifetime Fitness | 3 |
| LIB 151 | Fundamentals of Information Literacy | 3 |
| LBR 201 | Work/Life: Purpose, Power, and Identity | 3 |
| REC 100 | Dimensions Of Leisure | 3 |
| UNV 101 | Personal, Social and Intellectual Development | 3 |

Area F. Ethnic Studies (3 units)

Select one of the following. May be fulfilled by approved upper division.

| Code | Title | Hours |
|---------|---|-------|
| AFS 100 | The African American Experience | 3 |
| AFS 212 | Intro To Comp Eth & Global Soc | 3 |
| AFS 231 | Africana Literary Traditions | 3 |
| APP 201 | Introduction to Asian American Studies | 3 |
| APP 212 | Introduction to Comparative Ethnic and Global Societies | 3 |
| CHS 125 | Chicano/Latino Musical Culture | 3 |
| CHS 212 | Introduction to Comparative Ethnic Studies | 3 |

Program Learning Outcomes

In keeping with the mission of CSUDH to "provide education, scholarship and service that are, by design, accessible and transformative," our General Education (GE) program seeks to provide foundational learning opportunities that help students make deep connections and find personal meaning that propels them throughout their education and life beyond the university. The Association of American Colleges and Universities calls this a liberal education; or, one in which students are free "to seek after the truth unencumbered by dogma, ideology, or preconceived notions." Additionally, one with a liberal education can be "both broad-and open-minded, and is, therefore, less susceptible to manipulation or prejudice." (AAC&U, 2020) A General Education program provides a wide range of pathways for students to explore multiple ideas, perspectives, ways of knowing, and problems while also situating themselves in relation to this broader learning through various disciplines both as a student and a member of their community and the world.

Through GE, CSUDH students will take part in learning experiences that support growth toward 8 **learning outcomes**:

1. **Metacognition:** Critically reflect on past experiences to explore and direct their own learning;
2. **Critical Inquiry:** Learn to use critical inquiry skills and then apply these fundamental tools to a variety of qualitative or quantitative reasoning contexts;
3. **Communication:** Effectively use oral, written, creative, and digital modes of communication relevant to audience, purpose and context;
4. **Information Literacy:** Locate, evaluate, and incorporate information applicable to a particular field or inquiry;
5. **Race, Equity and Social Justice:** Examine societal, cultural, and historical contexts of race, class, gender, and sexualities in order to understand the differential and intersectional impacts of racism, oppression, and social inequality on individuals and groups in the United States;
6. **Integrative Learning and Problem Solving:** Address complex ideas and questions by drawing from and synthesizing a range of relevant disciplinary ideas, principles, and methods;
7. **Global Perspectives:** Critically analyze and engage with complex interdependent global systems and legacies and understand their implications for people's lives; and,
8. **Community Engagement:** Think critically about their roles and responsibilities as stakeholders in communities at the campus, local, national, and global levels in order to engage in mutual exchange of knowledge.

Together these outcomes should allow for students to develop a well-rounded foundation for their studies that promotes their identities, strengths, and values while engaging with diverse voices and perspectives throughout their university and community.

The General Education Program requires 49 semester units: (A) 9 units of English Language Communication and Critical Thinking; (B) 13 units of Scientific Inquiry and Quantitative Reasoning; (C) 12 units of Arts and Humanities; (D) 9 units of Social Sciences, (E) 3 units of Lifelong Learning and Self-Development; and (F) 3 units of Ethnic Studies.

Area A: English Language Communication and Critical Thinking (9 units)

Courses in Area A introduce students to college-level skills necessary for their continued success at the university and after graduation. Area A courses refine students' abilities to read and write effectively in a variety of rhetorical situations; to distinguish sound, forceful reasoning from faulty reasoning; to publicly present their own ideas and research; and to locate, interpret, evaluate, and effectively and ethically use source materials. Because of the foundational nature of these courses, students must complete this section of General Education within their first 60 units. Students must earn a grade of C- or better in Area A courses in order to satisfy these GE requirements. Skills acquired in Area A courses will be developed further in other GE and major courses.

A1. Oral Communication

Students who complete the Basic Skills requirement in Oral Communication will be able to:

1. discuss the elements of oral communication, including basic rhetorical strategies in speech;
2. give lucid, logical and persuasive speeches in a variety of contexts;
3. display self-confidence in interpersonal and group communication;

4. utilize effective delivery techniques; and
5. listen to and analyze the effectiveness of other speakers.

Students are exempted from the Basic Skills course in Oral Communication by a suitable score on a challenge examination.

A2. Written Communication

Students who complete the English, Communication, & Critical Thinking requirement in Composition will develop proficiency in oral and written communication in English. In particular, they will be able:

1. to define and apply key rhetorical concepts through analyzing and composing a variety of texts in several genres and modes (print, visual, digital, oral, multimodal);
2. to demonstrate rhetorical awareness and flexibility by discussing how other writers adapt language for audience, situation and purpose and by consciously adapting their own writing to a variety of situations and contexts that call for purposeful shifts in voice, tone, style, design, medium, structure, and conventions;
3. to compose persuasive arguments that articulate a clear, thoughtful position, deploy support and evidence appropriate to audience, situation, and purpose, and consider counterclaims and multiple points of view;
4. to demonstrate awareness of writing as a recursive, social process by reading, writing, and collaborating to discover and deepen ideas, reflecting on their rhetorical choices, and revising those choices in response to feedback from readers;
5. to identify how and why conventions vary by genre, discipline, and occasion and use resources to effectively employ appropriate formatting, style, citation, and grammar conventions;
6. to demonstrate awareness of proper citation conventions and their relation to concepts of intellectual property and authorial responsibility;
7. to practice and demonstrate the ability to use conventions of Standard Written English in order to communicate with academic and professional audiences.

Students are exempted from Basic Skills courses in English Composition by a suitable score on the Advanced Placement Test, the English Equivalency Examination, or a composition challenge examination.

A3. Logical/Critical Reasoning

Students who complete the Basic Skills requirement in Logic/Critical Reasoning will be able to:

1. understand basic logic and its relation to language; elementary inductive and deductive process, including an understanding of the fallacies of language and thought;
2. recognize the differences between assumptions, inferences, conclusions, facts and opinions;
3. develop the abilities to analyze, criticize, and advocate ideas; to reason inductively and deductively, and to reach well-supported factual or judgmental conclusions; and
4. apply the concepts and skills of critical reasoning to solve academic and everyday problems.

Students are exempted from the Basic Skills course in Logic/Critical Reasoning by a suitable score on a challenge examination.

NOTE: In Area A, all courses must be passed with a grade of "C-" or higher. In all other areas of General Education, a grade point average of 2.0, calculated at graduation, is required.

Area B: Scientific Inquiry and Quantitative Reasoning (13 units)

In Area B1-3 courses, students develop their knowledge of scientific theories, concepts, and data about both living and non-living systems, as well as an understanding and appreciation of scientific principles and the scientific method, including the potential limits of scientific endeavors. Scientific literacy also includes the ability to think in an informed manner about social, legal, ethical, and political issues that involve science and technology.

In Area B4 courses, students will engage with meaningful mathematics and will be prepared for Science, Technology, Engineering, and Math courses, for quantitative courses in other majors, and to solve problems of everyday life. Students must earn a grade of C- or better in Area B4 courses in order to satisfy these GE requirements; skills acquired in Area B4 courses will be developed further in other GE and major courses.

B1. Physical Science

Students will learn the methods of the natural sciences as these methods are seen and used by working scientists. In addition, they will explore the characteristic attributes of fundamental scientific concepts from the perspective of the natural sciences. Finally, they will learn the structure and results of a fundamental, comprehensive physical science, which is principally analytic, quantitative and deductive.

Students who complete the Natural Science in Physical Science requirement will be able to:

1. demonstrate an understanding of the scientific assumption that nature has an objective existence that is intelligible;
2. distinguish between a scientific hypothesis and the idea of pseudoscience;
3. describe the systematic observation of nature and the detection of similar patterns in observed phenomena;
4. describe the importance of limitation of scope in the production of useful concepts and the related limits to the applicability and usefulness of scientific models and concepts;
5. describe the formulation of hypotheses and models to explain these patterns and the use of these models and hypotheses to make testable predictions;
6. discuss the roles of quantitative and of formal manipulation of models and relationships in generating predictions;
7. discuss the design and execution of tests of hypotheses and the subsequent rejection, modification, or refinement of the hypotheses; and
8. describe the relationship between scientific ideas and their technological applications;
9. understand and appreciate applications, advantages, and limitations of computational methodology in Physical Science, in particular, in the modeling process.

B2. Natural Sciences in Life Science

Students who complete the Natural Science in Life Science requirement will be able to:

1. describe a representative selection of fundamental concepts and principles of the life sciences;
2. cite various phenomena in a variety of contexts that illustrate the applicability of specific principles of the life sciences;
3. describe some of the major applications of the principles of the life sciences;
4. describe some of the major effects that the life sciences and related technologies have had on societies.

B3. Natural Sciences in Science Laboratory

Students who complete the Natural Science in Science Laboratory requirement will be able to:

1. discuss application of a representative selection of fundamental concepts and principles of a science;
2. apply the scientific method in a laboratory situation; and
3. cite various phenomena that illustrate the applicability of specific principles of a science.

B4. Basic Skills in Quantitative Reasoning and Problem Solving

Students who complete the Basic Skills requirement in Quantitative Reasoning and Problem Solving will be able to read and understand mathematical arguments and data, and use mathematics effectively to analyze and solve problems that arise in ordinary and professional life. They shall develop skills and understanding beyond the level of intermediate algebra. In particular, students will:

1. understand and apply ideas and techniques of finite mathematics such as consumer mathematics probability, statistical analysis, hypothesis testing, linear programming, **or**
2. understand and apply the ideas and techniques of college algebra, trigonometry, logarithms and exponentials, and elementary functions, **or**
3. understand and apply ideas and techniques of calculus.

Students in area B4 will not just practice computational skills, but will be able to explain and apply basic mathematical concepts and will be able to solve problems through quantitative reasoning.

Students are exempted from the Basic Skills course in Quantitative Reasoning if they receive a suitable score on a challenge examination or if they successfully complete a course requiring more advanced mathematical ability.

B5: Integrative Studies in the Natural Sciences

Courses in Integrative Studies in the Natural Sciences and Technology are interdisciplinary courses that build upon the knowledge students have acquired by completing their lower division coursework in the natural sciences and technology. While these courses will include content from disciplines outside the natural sciences and technology, their primary focus is on the integration of knowledge within the natural sciences and technology.

Students who complete the requirement for Integrative Studies in the Natural Sciences will be able to:

1. discuss the relationship of science to humanity through inquiry into: the origin of scientific discovery, the implications and consequences of scientific and technological development, and the impact of natural processes on the works of people as well as on its result: artifact;
2. describe some of the major effects that science and technology have had on societies; and
3. discuss the interdisciplinary approaches to methods, processes, effects, terminology and major concepts of science and technology; and
4. describe and discuss ethical and legal concepts and issues related to science and technology, in particular, the concept of intellectual property and its protection.

Area C: Arts and Humanities (12 units)

In Area C courses, students develop an understanding and appreciation of the works of the human mind and imagination. Arts and Humanities coursework explores the rich history and diversity of human knowledge and creativity as expressed in the arts, literature, religions, and philosophies of their own and other cultures. By viewing such human endeavors in a historical and aesthetic context, students learn not only to analyze critically but also to value the rich cultural products of our complex world. Area C courses educate students to be global citizens who are equipped to make independent judgments using their own imagination and reason.

C1: ARTS (3 - 6 UNITS)

Students who complete the Arts requirements will:

1. gain aesthetic training through direct experience of works of music, art, and literature, learn the bases on which such works are studied, and the critical canons applied to them, extending their understanding beyond personal opinion to critical evaluation;
2. have opportunities to create musical, artistic, or literary works, with the opportunity to have their work evaluated by peers and/or a faculty member applying appropriate critical criteria;
3. be able to synthesize an understanding of the relationships among various forms of human expression both within an era and culture and across these boundaries.

C2: HUMANITIES (3 - 6 UNITS)

Students who complete the Humanities requirements will:

1. become acquainted with significant works of art, literature, music, and philosophy from a range of cultures;
2. understand the development over time of their own and other cultures;
3. develop an understanding of the relationships among various forms of human expression both within an era and culture and across these boundaries.

C3: INTEGRATIVE STUDIES IN ARTS AND HUMANITIES (3-UNITS UPPER-DIVISION)

Upper-division General education courses in the arts and humanities build on the lower division courses by developing integrated humanistic and artistic world-views.

Students who complete the requirement for Integrative Studies in the Arts and Humanities requirements will be able to:

1. discuss the relationships among the various disciplines that comprise the humanities;
2. place these relationships within a historical context;
3. relate the humanities to modern life;
4. demonstrate the use of imagination and synthesis through aesthetic and intellectual activities.

Area D: Social Sciences (9 units)

Courses in the Social Sciences help students better understand how social, political, and economic institutions and behavior are intricately interwoven. In an increasingly complex, interdependent, and changing world, individuals must learn how to cope with pressing social problems and how to manage and improve the conditions, institutions, and outcomes that affect them. Area D courses introduce students to the primary structural levels of analysis used in the various disciplines and demonstrate the significance of historical backgrounds to contemporary behavior.

D1. Individual Perspectives, Groups and Society (3 units)

On completing a course in this category a student will be able to demonstrate an understanding of the:

1. basic concepts and methods necessary for studying the personal functioning and social behavior of individuals.
2. influence of psychological and social processes on the development of the perception of self and others.
3. nature of cognition and language and their relationship to critical aspects of social and personal development.
4. social and psychological variations in individual behavior.
5. conceptual and methodological frameworks necessary for studying groupings in society.
6. interrelationships between various institutions and group dynamics within a society, and their role in generating and resolving social issues.
7. cultural and group diversity and applications of the concept of cultural relativity.

D2. Global and Historical Perspectives (3 units)

On completing a course in this category, a student will be able to demonstrate an:

1. awareness of and knowledge about the international system and world environment.
2. understanding of the global interdependencies among people, outlooks, institutions and attributes.
3. appreciation of the role of the individual as an international observer, analyst and participant.
4. ability to analyze historical change and cultural process.
5. understanding that current issues and conditions are shaped by their past historical and cultural development.
6. understanding of the complexity of evolutionary and historical processes and of the limits on and potential for social change.
7. understanding of how sciences which deal with the human past formulate and test hypotheses to understand change and how they evaluate sources, whether human fossils, artifacts or written documents.

D3. Integrative Studies in the Social Sciences (3 units - upper division)

The categories of upper division courses in the social sciences represent integrative themes and contemporary research applications. Focusing on specific topics, students will explore the conceptual and methodological links among the social sciences or subfields of a discipline. Courses will stress contemporary research, interpretations, issues and trends. Specific objectives of the categories are as follows:

1. Courses in individual processes focus on the interaction among factors that shape the individual.
2. Courses in social issues focus on contemporary social, political or economic concerns and problems using a variety of perspectives in the social sciences.
3. Courses in global trends focus on social, political, environmental and economic processes seen from a global perspective.
4. Courses in social change focus on major processes of continuity and development and on the origination and impact of new ideas, social structures and technologies.
5. Courses in cultural pluralism focus on the nature of cultural diversity and the processes of cultural interaction, interethnic relations and cultural integration on community, national and international scales.

Students must take 9 units from the GE category. Select one course from each category below and one more course from either category 1 or 2. A student may not take all 3 courses in this area from a single academic department.

Area E: Lifelong Learning and Self-Development (3 units)

Area E courses are designed to equip learners for lifelong understanding and development of themselves as integrated physiological, social, and psychological beings. Drawn from a wide range of disciplines and perspectives, Area E courses focus on the development of skills, abilities, and dispositions that not only promote students' academic success but also enhance their lives after college.

Students who complete the Lifelong Learning and Self-Development requirement will be able to:

1. Demonstrate an understanding of oneself as an integrated physiological, social and psychological organism; and
2. Discuss key relationships of humankind to the social and physical environment, including matters selected from the following: human behavior, sexuality, nutrition, physical and mental health, stress management, financial literacy, social relationships and relationships with the environment, implications of death and dying and avenues for lifelong learning, including those based on modern technology.

Area F: Ethnic Studies (3 units)

Courses in Area F explore the interrelatedness and intersection of race and ethnicity with class, gender and sexuality and other forms of difference, hierarchy and oppression. Courses are grounded and centered in the cultures, concrete-lived conditions, and living histories of peoples of color in the United States. Courses have an explicit commitment to linking scholarship, teaching and learning to intellectual traditions and scholarly contributions of ethnic studies, social engagement (service and struggle), social change, and social justice.

1. Analyze and articulate concepts such as race and racism, racialization, ethnicity, equity, ethnocentrism, eurocentrism, white supremacy, self-determination, liberation, decolonization, sovereignty,

imperialism, settler colonialism, and anti-racism as analyzed in any of the following disciplines: Africana Studies, Asian Pacific Studies, Chicana and Chicano Studies, and Indigenous Peoples of the Americas.

2. Apply theory and knowledge produced by Native American, African American, Asia American and Pacific Islander, Chicana and Chicano, and/or LATina and LATino communities to describe the critical events, histories, cultures, intellectual traditions, contributions, lived-experiences and social struggles of those groups with a particular emphasis on agency and group-affirmation
3. Critically analyze the intersection of the race and racism as they relate to class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and/or age in Native American, African American, Asian American and Pacific Islander, Chicana and Chicano, and/or LATina and LATino communities.
4. Critically review how struggle, resistance, racial and social justice, solidarity, and liberation as experienced, promoted and enacted by Native American, African American and Pacific Islander, Chicana and Chicano, and/or Latina and Latino communities are relevant to current and structural issues such as communal, national, international, and transnational politics as, for examples, in immigration, reparations, settler-colonialism, multiculturalism, and language policies.
5. Describe and actively engage with anti-racist and anti-colonial issues and the practices and movements that empower Native American, African American, Asian American and Pacific Islander, Chicana and Chicano, and/or Latina and Latino communities to build a just and equitable society.

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Accounting (ACC)

ACC 230. Financial Accounting. (3 Units)

A survey of financial statements under existing generally accepted accounting principles. Emphasis is on underlying concepts, principles, and mechanics to make the statements meaningful to users.

Offered Fall, Spring, Summer, All terms

ACC 231. Managerial Accounting. (3 Units)

Prerequisite: ACC 230. Accounting for planning and control. Topics include objectives, terminology, concepts, product costing, cost patterns, cost-volume-profit analysis, contribution margin, profit planning, standard costs, flexible budgets, decentralized operations, relevant costs and uses of accounting data for managerial decision making.

Offered Fall, Spring, Summer

ACC 330. Intermediate Accounting I. (3 Units)

Prerequisite: ACC 230. Professional level accounting, conceptual framework, balance sheet, income statement, compound interest, cash, receivables, inventories, fixed and intangible assets, depreciation, current and contingent liabilities.

Offered Fall, Spring, All terms

ACC 331. Intermediate Accounting II. (3 Units)

Prerequisite: ACC 330. Professional level accounting, bonds and long-term notes, short-term and long-term investments, capital stock, retained earnings, income recognition, income taxes, post-employment benefits, leases, statement of cash flows, earnings per share, changes and errors, financial analysis.

Offered Fall, Spring, All terms

ACC 333. Income Taxation I. (3 Units)

Federal income tax law as related to individuals and sole proprietorship.

Offered Fall, Spring, All terms

ACC 336. Intro To Internal Audit. (3 Units)

Prerequisite: ACC 231 and CIS 270. Survey of contemporary internal auditing with emphasis on financial, compliance, and operational auditing. Coverage will include audit planning, specific audit techniques, auditing in a computerized environment, emerging issues and report writing. Course includes case studies and computer applications.

Offered Fall, Spring

ACC 337. Cost Accounting. (3 Units)

Prerequisite: ACC 231. The nature, objectives, and procedure of cost accounting and control; job costing and process costing; joint product costing; standard costs; theories of cost allocation and absorption; uses of cost accounting data for management decision making.

Offered Fall, Spring, Summer

ACC 339. Acctg & Ctrl Multnl Comp. (3 Units)

Prerequisite: ACC 231. Study of comparative accounting systems, international accounting standards, currency translation and foreign exchange, transfer pricing, reporting, taxation, auditing and control problems.

Offered Fall, Spring, All terms

ACC 340. Accounting Information Systems. (3 Units)

Prerequisites: ACC 230, ACC 337, and CIS 270 are required. Focuses on both conceptual models and physical implementation of accounting information systems. Topics include the nature and relevance of accounting internal controls, the relationship of accounting systems to the functional areas of accounting, and contemporary information technology

Offered Fall, Spring

ACC 385. Entrepreneurial Accounting. (3 Units)

Explores accounting issues unique to start-ups, venture capital and entrepreneurship, and includes aspects involving the setup and use of low-cost computer accounting programs with POS and inventory management.

Offered All terms

ACC 430. Advanced Accounting. (3 Units)

Prerequisite: ACC 331. Concepts and principles of partnerships, business combinations, accounting for multinational enterprises, and introduction to governmental and nonprofit accounting.

Offered Fall, Spring

ACC 431. Govt & Nonprofit Acctg. (3 Units)

Prerequisite: ACC 230. Nature of fund accounting systems used by governments and nonprofit entities. Topics include principles underlying fund accounting, budgeting procedures, discussion of types of funds used. Course requirements include computerized term project. Offered Fall, Spring

ACC 433. Income Taxation II. (3 Units)

Federal income tax law as related to partnerships, corporations, estates and trusts; estate and gift taxes. Offered Fall, Spring

ACC 435. Auditing. (3 Units)

Prerequisites: ACC 330 and OMG 321. The audit environment, reports, professional ethics, objectives, evidence and documentation, planning, analytical review, materiality and risk, internal control, attribute and variable sampling, EDP systems, transactions cycles, balance sheet and income statement accounts, compilations, reviews, and other special purpose reports. Offered Fall, Spring, Summer

ACC 502. Advance Cost Management and Related Accounting. (3 Units)

Prerequisite: ACC 230 or equivalent. Application of functional accounting in contemporary business. Decision making through the integrated use of financial accounting (reporting to outside interests) and managerial accounting (accounting information for internal decision making) including relevant income tax consequences. Case analysis oral/written presentation and computer usage required. Offered Infrequent

ACC 510. Research of Accounting Principles. (3 Units)

Develops a student's ability to conduct accounting research employing the FASB Codification of U.S. GAAP, U.S. tax laws, international auditing and governmental standards and guidance. Research will culminate in written reports on accounting issues. Restricted to majors. Offered Fall

ACC 520. Accounting Ethics and Corporate Social Responsibility. (3 Units)

Examines the ethical responsibilities of accounting professionals by utilizing various authoritative codes of conduct, professional standards and applied ethical theory. This course also examines the concept of corporate social responsibility by analyzing complex CSR-related issues. Restricted to majors. Offered Fall

ACC 530. Forensic Accounting and Cybersecurity for Accounting MS Program. (3 Units)

Explores the forensic accountant's role in today's economy. Topics covered include fraud detection and investigation techniques, cyber security, valuation of closely held businesses, lost profits analyses, types of litigation support services, and legal concepts governing expert witness testimony. Offered Fall, Spring

ACC 540. Advanced Accounting. (3 Units)

Concepts and principles of partnerships, business combination, accounting for multinational enterprises, and introduction to governmental and nonprofit accounting. Offered Fall, Spring

ACC 550. Advanced Auditing for Accounting MS Program. (3 Units)

Masters-level course designed to enhance students' understanding of the following: (1) fundamental auditing concepts, (2) the application of auditing standards to real-world cases, (3) a risk-management approach to handling client acceptance and continuance issues, and (4) ethical issues faced by auditors. Offered Fall, Spring

ACC 560. Accounting Information Systems and Associated Internal Control Frameworks. (3 Units)

Master-level course with focus on both conceptual models and physical implementation of accounting information systems. Offered Fall, Spring

ACC 570. Financial Statement Analysis and Valuation. (3 Units)

Course designed to prepare students to interpret and analyze financial statements in greater depth for tasks such as credit and security analyses, lending and investment decisions, and other decisions that rely on financial data from the perspective of financial statement users. Offered Fall, Spring

ACC 580. Strategic Tax Planning. (3 Units)

Provides a comprehensive understanding of tax-planning framework as it relates to business transactions of all parties, considerations of implicit and explicit taxes as well as considerations of various costs and nontax issues of business entities. Offered Fall, Spring

ACC 590. Advanced Capstone Governmental and Non-Profit Accounting. (3 Units)

Prerequisite: ACC 540 is required. Capstone course that covers Governmental and Non-Profit Accounting, which includes the nature of fund accounting systems used by governments and nonprofit entities. Restricted to majors. Offered Fall, Spring

ACC 595. Selected Topics in Accounting. (3 Units)

Prerequisites: Graduate standing and ACC 502. Intensive study of a specialized area of Accounting on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course. Offered Infrequent

Africana Studies (AFS)

AFS 100. The African American Experience. (3 Units)

Examines the historical and contemporary manifestations of the sacred and secular continuum in African Diaspora Arts and Religion. Will study examples of music, dance, drama, literature and visual arts expressions of religion and theological values. Offered Fall, Spring

AFS 200. Intro to Africana Studies. (3 Units)

An introduction to the discipline of Africana Studies. An overview of the philosophical underpinnings, evolution, theories and concepts, and practical applications of the disciplines; and the African-centered, holistic method of studying the African world. Offered Fall, Spring

AFS 201. African World Civilizations. (3 Units)

Students study African civilization from antiquity to the present. The course explores African civilizations interaction with and contribution to world civilizations like Greek, Asian, European and American civilizations. Offered Fall, Spring

AFS 205. Introduction to Hip Hop. (3 Units)

Hip Hop, the music and lifestyle, is rooted in African American urban life in the middle 1970's on the streets of New York City. This course will critically explore the evolution of Hip Hop as a socio-cultural political movement. This course is restricted to 1st time Freshman going through the First Year Experience. Offered Spring term only.
Offered All terms, Fall, Spring

AFS 212. Intro To Comp Eth & Global Soc. (3 Units)

Explores the lived experiences of the Ethnic/Global communities in the U.S. and their places of origin. The course will examine the socio-cultural dynamics in, Africana Asian-Pacific and Chicano/Latino communities.
Offered Fall, Summer

AFS 220. African World Peoples & Soc.. (3 Units)

This course provides students with an overview of the geographical, historical, and cultural foundations of African world peoples and societies.
Offered Fall, Spring

AFS 231. Africana Literary Traditions. (3 Units)

The course examines literary traditions developed by people of African descent who reside in Africa as well as throughout the world.
Offered Fall

AFS 241. His Afr World People:1450-1888. (3 Units)

Examination of the history of African people throughout the world from 1450-1888. Identifies African migration, national culture, and political divisions. Examines the dynamics of the Transatlantic Slave Trade, and surveys the territorial dispersal of African people around the globe, their links and metamorphoses.
Offered Infrequent

AFS 242. His of Afrn People:1888-present. (3 Units)

An examination of the history of African world peoples from 1888 with the end of slavery in Brazil to the present. The dynamics of apartheid and colonialism, nationalism, civil rights and liberation movements are central themes.
Offered Infrequent

AFS 295. Special Topics. (3 Units)

An examination of a specific topic and/or subject area of Africana Studies. Repeatable for credit. Topic will be announced in Schedule of Classes.
Offered As needed

AFS 301. Africana Msc thgh 19th C.. (3 Units)

Prerequisite: AFS 200 and AFS 220. Africana music course designed to introduce the music and musicians of Africa and the African Diaspora culture, establishing the African foundation of the musical practices and exploring early developments in the Diaspora with special focus upon developments in all parts of the Americas from 1619 to 1888.
Offered As needed

AFS 305. Theories and Approaches in AFS. (3 Units)

Prerequisite: AFS 200. An introduction to the theories and approaches utilized by Africana Studies scholars. Focus is on the intellectual approaches to the study of African peoples from the perspective of Africana cultural imperative.
Offered Fall

AFS 306. Research Methods in AFS. (3 Units)

Prerequisite: AFS 200. Introduces students to intellectual debates in research methods in Africana Studies. It focuses on the applicability and relevance of different methods of acquiring, interpreting and presenting Africana knowledge systems.
Offered Spring

AFS 307. Research Methods, Theories, and Approaches in African Studies. (3 Units)

Prerequisites: AFS 200 or permission from instructor. Introduces students to intellectual debates in research methods, theories, and approaches in Africana Studies. Focuses on applicability and relevance of different methods of acquiring, interpreting and presenting Africana knowledge systems.
Offered Fall

AFS 310. The African American Experience in the US. (3 Units)

Analyzes the social, political and cultural environment of African Americans in the U.S. Course examines the influence of race on African Americans' social and historical development. Course focuses on modes in which African Americans establish and maintain its cultural space.
Offered Fall, Spring, Summer

AFS 311. Afro Latinidad & the Caribbean. (3 Units)

Explores the politics of globalization on Africana Communities over time. Focuses on how Africana communities have constructed new space in the Western Hemisphere. Emphasizes the impact of race, class and ethnicity on Africana community's development in Latin America and the Caribbean.
Offered Fall, Spring

AFS 312. Cultural Pluralism: Ethnic & Global Society. (3 Units)

Prerequisites: ENG 111, AFS 201 and AFS 220 or consent of Department Chair. In consultation with an Africana Studies faculty, student undertakes a major project such as the following: original research and thesis on a given African world historical or theoretical topic; a creative project such as an original musical composition, art work or performance with supporting scholarly program notes.
Offered Fall, Spring

AFS 330. Africana Lit. & Culture. (3 Units)

Prerequisite: AFS 231. Survey course that introduces students to both Africana literature and culture. Provides students with an opportunity to study and appreciate major Africana political, cultural and historical issues and experiences through the lenses of Africana literature.
Offered Spring

AFS 331. Key Movements: African Literature and Culture. (3 Units)

Survey course that introduces students to both African literature and culture. Provides students with an opportunity to study and appreciate major African political, cultural, and historical issues and experiences through the lenses of African literature.
Offered Fall, Spring

AFS 332. Key Movements: Harlem Renaissance. (3 Units)

Explores the artistic productions of key figures, scholarly works analyzing significant events and films of the time. Focuses on works examining race, culture, and social issues pertinent to people of African descent. Explores how the Harlem Renaissance influenced later movements.
Offered Fall, Spring, Summer

AFS 333. Black Movements of the Sixties. (3 Units)

Explores the dismantling of the overt practice of segregation by exploring the roles of the Civil Rights Movement and the Black Power Movement, as well as the literature, art and music which contributed to their vitality.
Offered Fall, Spring

AFS 334. African Culture and Art. (3 Units)

Examines the historical and contemporary manifestations of the sacred and secular continuum in African Diaspora Arts and Religion. Will study examples of music, dance, drama, literature and visual arts expressions of religion and theological values.
Offered Fall, Summer

AFS 340. Africana Womanhood. (3 Units)

Examines the economic, political and social position of Africana women in the global diaspora by analyzing the legal apparatuses, historical context and present-day realities of racism, sexism, class oppression and homophobia that impacts Africana women's daily lives
Offered Fall, Spring

AFS 395. Spec Topics in Africana Stud. (3 Units)

Prerequisites: Consent of instructor. Intensive study of a single period, figure, movement, or idea in African world history/culture. Course repeatable for credit. Topics will be announced in Schedule of Classes.
Offered Infrequent

AFS 396. Practicum in Africana Studies. (3 Units)

Prerequisites: Consent of instructor. Supervised work experience in an African or African diaspora community with emphasis upon social and economic development in a local, national and/or international setting. Supervision emphasizes training and application of practical and technical skills. Students will be placed in settings suitable to their academic specialization. CR/NC grading. Repeatable courses. One hour of tutorial per week is required with instructor.
Offered Infrequent

AFS 423. Africana Leaders Seminar. (3 Units)

Prerequisite: AFS 200 is recommended. An examination of the life and times of important Africana leaders and their legacies to the African world. Emphasis will be on the major competing trends in the interpretations of the leaders's legacies and the interests that shape these trends. Three hours of seminar per week.
Offered Fall

AFS 424. Africana Political Thought. (3 Units)

Prerequisite: AFS 220 is recommended. Examines political opinions and ideas of Africana thinkers and leaders. Interrogates Africana political leaders and thinkers understanding and interpretation of the political dynamics in the African world.
Offered Spring

AFS 490. Seminar in Africana Studies. (3 Units)

Prerequisites: Completion of GVAR and consent of instructor. An integrative seminar serving as a capstone to the major in Africana Studies. A research report will be required. Additionally, other creative projects may be assigned in areas such as art, music composition and performance. Three hours of seminar per week.
Offered Spring

AFS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of the instructor. Independent study of particular topics in Africana Studies under the direction of a member of the Africana Studies faculty. Repeatable course.
Offered As needed

AFS 495. Special Topics in Africana St. (3 Units)

Prerequisite: Consent of instructor. Intensive study of an issue, concept or theme in Africana Studies. May be taken for credit only once for the major. Repeatable course.
Offered As needed

AFS 496. Internship. (3 Units)

Prerequisite: Consent of instructor. Under the direction of the internship faculty associate, students work in an African diaspora community applying skills and knowledge learned in the classroom, as well as the workplace. Repeatable course.
Offered Fall, Spring

AFS 497. Directed Reading. (1-3 Units)

Prerequisite: Consent of instructor. Directed readings on a particular Africana Studies topic or subject area under the direction of a member of the Africana Studies faculty. Repeatable course
Offered Fall, Spring

AFS 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. Introduces students to intellectual debates on research methods in Africana Studies. Focuses on selected articles that discuss different methods of acquiring, interpreting and presenting Africana knowledge. Repeatable course.
Offered Fall, Spring

AFS 499. Senior Project. (3 Units)

Critical analysis of Asian and Pacific Islander American artists and their creative expression in music, television, film, and on the internet. Examines issues of stereotyping and exclusion in Hollywood as well as empowerment through artistic expression and community engagement. GE F1
Offered As needed

AFS 590. Afr Amer Lit & Pol Thought. (3 Units)

Offered As needed

AFS 594. Independent Study. (1-4 Units)

Prerequisites: Consent of Department Chair. Independent investigation of a research problem or directed readings in a selected area of Africana Studies.
Offered As needed

AFS 595. Special Topics. (3 Units)

Prerequisite: AFS 201 is recommended. An intensive study of a concept, movement, school of thought, or individual within the discipline of Africana Studies. Intended for students with senior or graduate standing. Specific topic listed in Class Schedule. Repeatable course. Three hours of seminar per week.
Offered As needed

AFS 596. Pract in Teach Africana Stdy. (1-4 Units)

Offered As needed

AFS 597. Graduate Directed Reading. (1-4 Units)

Prerequisite: Consent of instructor and classified graduate standing. Extensive reading in selected areas under the guidance of a faculty mentor. Repeatable course.
Offered As needed

AFS 598. Graduate Directed Research. (1-4 Units)

Independent research under direction of supervising faculty member in Africana Studies. Repeatable for credit for a maximum of six units.
Offered As needed

AFS 599. Final Project. (1-4 Units)

In consultation with a faculty member, writing of a master's thesis or completion of a project. Choice of area requires prior consent of advisor. Repeatable course.
Offered As needed

AFS 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examinations, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered As needed

Anthropology (ANT)

ANT 100. Introduction to Cultural Anthropology. (3 Units)

Examination of the anthropological approach to the study of humans. Explores the concepts of culture, cultural institutions and processes, the evolution of cultural systems, and the application of anthropology to current social problems.

Offered Fall, Spring, All terms

ANT 101. Intro to Biological Anthro. (3 Units)

Examination of human biology. Introduces scientific approaches to genetics and evolution, primate evolution and behavior, evidence from fossil record for human evolution, and biological variation among modern humans, human growth and disease patterns, and human demography.

Offered Fall, Spring

ANT 102. Ancient Civilizations. (3 Units)

Examination of origins and development of world civilizations. Using evidence from the archaeological record, the written record, the arts, literature, and the sciences, human cultural achievements are examined from the earliest beginnings to the sixteenth century.

Offered Fall, Spring

ANT 115. Intro To Arch & Phys Anth. (3 Units)

Introduction to archaeological methodology and human biology. Review of fossil evidence for the biological evolution of humans and archaeological evidence for the major stages in cultural development.

Offered Infrequent, All terms

ANT 310. Culture & Personality: Psychological Anthropology. (3 Units)

Examination of the human personality within cultural contexts. Topics include personality formation and child-rearing; stress and mental/physical health problems which occur with cultural change; aging, roles and communication among local and worldwide ethnic groups.

Offered Fall, Spring

ANT 312. Language And Culture. (3 Units)

Analysis of language as an aspect of culture. Relationship between language and culture patterns, dynamics of language and cultural change; the problem of meaning.

Offered Fall, Spring, Summer

ANT 313. Meth & Tech In Arch. (3 Units)

Prerequisite: Consent of instructor. Basic procedures and techniques used by archaeologists to excavate, analyze and interpret prehistoric remains. Field and/or laboratory activities. Variable topics will include field procedures, laboratory procedures or archaeological method and theories. Six hours of activity per week.

Offered Spring

ANT 315. Magic & Religion. (3 Units)

A comparative analysis of magico-religious systems in their cultural setting and the role of the supernatural in human societies.

Offered Spring

ANT 330. North American Indians. (3 Units)

Comparative study of cultural patterns of selected past and present native peoples of the United States and Canada .

Offered Spring

ANT 333. Ancient Peoples Of Mexico. (3 Units)

The history and archaeology of cultures of Central Mexico and Guatemala. Alternating topics include the rise of the Olmecs to the establishment of Teotihuacan and Tenochtitlan and the rise of Izapa to the development of classic and Postclassic Maya Civilization. Repeating course with alternate topics.

Offered Fall

ANT 334. Mesoamerica Past and Present. (3 Units)

Explores historical and contemporary trends among the diverse cultures of Mexico and Central America from Pre-Columbian era to today. Focus on indigenous peoples and relationships between indigenous and non-indigenous peoples.

Offered Fall

ANT 335. Comparative Cultures. (3 Units)

The world's cultural and social diversity from a sociocultural anthropological perspective. Variable topics include regional surveys (North America, South America, Africa, Eurasia) and/or selected themes in the study of culture. Repeatable course with alternate topics.

Offered Infrequent

ANT 336. Comparative Cultures: Culture, Environment and Globalization. (3 Units)

Ethnographic and comparative approach to the study of the diverse cultures of the world. Examines substance patterns and sociopolitical organization of a variety of cultures in the past and present.

Offered Spring

ANT 337. Ethnography and Film. (3 Units)

Exploration of crosscultural differences as documented in visual images and texts dealing with three traditional societies, the Yanomami, the Dobe, and the Dugum. Analysis of subsistence and economy, social cohesion and social conflict, world view, and representations of other societies in a world characterized by dramatic cultural changes.

Offered Fall

ANT 338. Mainland Southeast Asia. (3 Units)

Anthropology of Mainland Southeast Asia (Cambodia, Laos, Myanmar [Burma], Thailand, Vietnam) from ancient to modern times. Analysis of how natural and social environments (geography, climate, migration, trade, religion, arts, and state craft) contribute to the region's cultural diversity, commonalities, and change through time.

Offered Spring

ANT 339. Mexico and Central America. (3 Units)

Anthropology of Mesoamerica's indigenous cultures. Examines cultural patterns developed in prehispanic and colonial periods, and analyzes how historical factors, environmental conditions, and political and economic environments have influenced contemporary situations for Indian peoples of the region.

Offered Infrequent

ANT 340. Peoples of Ancient Egypt. (3 Units)

Anthropology of ancient Egyptian civilization from its earliest beginnings to the end of the New Kingdom. Ancient monuments, wall paintings, statues, tombs and hieroglyphic writing are examined to gain insight into Egyptian culture and to illuminate the interaction between Egyptians and foreign peoples.

Offered Infrequent

ANT 341. Folklore. (3 Units)

Theory and method in the study and collection of folktales, myths, legends, proverbs, riddles, and other forms of verbal tradition.

Offered Infrequent

ANT 342. South America. (3 Units)

Anthropology of cultural differences expressed by indigenous cultures of South America. Critical analysis of such topics as environment and adaptation, kinship and social structure, social cohesion and social conflict, symbolism and ritual, and representations of other societies in a world characterized by dramatic cultural changes.

Offered Spring

ANT 344. Cross-Cult Persp: Aging. (3 Units)

Survey and analysis of cultural influences on the physical and social processes of aging. Examination and comparison of societal roles available to and assumed by older men and women of various cultures. Offered Infrequent

ANT 345. Medical Anthropology. (3 Units)

Cross-cultural survey of critical problems common to anthropology and health-related fields; cultural ecology of health and pathology, folk medical practices; medical beliefs in relation to other aspects of culture; public health and medical education problems as affected by ethnic culture; effects of acculturation upon mental and physical health. Offered Infrequent

ANT 346. Anthropology Of Work. (3 Units)

Examination of the significance of work in contemporary societies. Cross-cultural comparisons of workers' life styles. Impact of changing cultural conditions on work patterns. Offered Spring

ANT 348. Society & Automated Tech. (3 Units)

Examination of the ramifications of the installation of automated systems on social and economic conditions of contemporary and future societies. Analyses of culture change issues and the interrelationships between automated technologies and lifestyles. Offered Infrequent

ANT 349. Anthropology Of The Future. (3 Units)

Examination of newly emerging questions and ideas about the cultural future of humankind. Topics of discussion include the relevance of anthropology to building a Solar System culture, the possibility of extraterrestrial contact, and alternative cultural futures. Offered Infrequent

ANT 350. Prehistory: Africa & Eurasia. (3 Units)

Examination of the archaeological record of the Old World (Europe, Africa, Asia). Emphasis on the study and critical analysis of excavated materials, processes of culture change, and reconstructions of social patterns. Variable topics will include the prehistory of different culture areas and chronological periods. Repeatable course. Offered Spring even

ANT 351. Prehistory of the Americas. (3 Units)

Examination of the archaeological record of the New World (North America, Mesoamerica, and Andean area). Emphasis on critical analysis of excavated materials, processes of culture change, and reconstructions of social patterns. Variable topics will include the prehistory of different culture areas and chronological periods. Repeatable course. Offered Spring odd

ANT 352. Human Osteology. (3 Units)

Prerequisite: ANT 101 is required. Introduction to human osteology, bone biology and growth, and paleopathology. students will learn differences between human and non-human remains, determine left and right sides of bones, and identifying important skeletal landmarks. Offered All terms, Fall odd

ANT 353. Forensic Anthropology. (3 Units)

Prerequisites: ANT 101 is required. ANT 352 is recommended. Consent of instructor is required. Examines the techniques used to create a biological profile from human skeletal remains. Students will learn the medicolegal implications of using forensic anthropology techniques to solve forensic cases involving human skeletal remains. Offered Spring even

ANT 354. Biological Anthropology. (3 Units)

Prerequisites: ANT 101 is required. In depth analysis of the topics and theories in biological anthropology and is meant to be a continuation of ANT 101. Offered Fall

ANT 355. Human Variation. (3 Units)

Prerequisite: ANT 101 is required. Surveys the biological variation within and between human populations, including the basic principles of genetics, evolutionary theory, and the intersection of culture and genetics. Students will use anthropological and biological theories to understand differences between human populations. Offered Spring odd

ANT 360. Visual Anthropology. (3 Units)

Survey of anthropological approaches to the study of visual/symbolic communication, the use of images for the description and analysis of human behavior, and modes of producing visual ethnographic texts. Offered Spring odd

ANT 370. Peoples Of The Old World. (3 Units)

A survey of one or more cultural regions of the old World. Specific topics and areas may vary; for example: Europe, Sub-Saharan Africa, Middle East, India, Asia, Southeast Asia, Pacific. Repeatable course. Offered Infrequent

ANT 371. Historical and Cultural Perspectives in Disability Studies. (3 Units)

Theoretical and historical perspectives on issues pertaining to disability studies/research. The course explores cultural concepts of normalcy and disability and reviews ethnographic contexts of disability in a variety of communities in the United States and the world. Offered Fall, Spring, Summer

ANT 375. Ethnographic Meth & Tech. (3 Units)

Prerequisites: ANT 100 and consent of instructor. Basic methods in the ethnographic study of contemporary communities. Students conduct supervised field work using audiovisual recording and computer techniques to collect and analyze data. Two hours of lecture and two hours of activity (including computer lab) per week. Offered Fall

ANT 388. Anthro Theories Of Behav. (3 Units)

Prerequisite: One course in Anthropology. Historical survey and critical analysis of major schools of anthropological thought employed in explaining sociocultural behavior and phenomena. An integrative examination of current developments, issues and applications of the field of anthropology. Offered Fall, Spring, All terms

ANT 389. Transmission Of Culture. (3 Units)

Examination of the concept of culture; emphasis on exploration of cross-cultural commonalities and differences in societal responses. Analysis of dynamics of cultural change with reference to ethnic and immigrant groups and institutions in America today. Topics include roles, institutions, educational processes, family interaction and structure of social systems. Offered Infrequent

ANT 390. Applied Anthropology. (3 Units)

Prerequisite: ANT 100. Course examines the applications of anthropology to the solution of contemporary social problems. The course examines the methods of applied anthropology, the relationship between applied research and theory, and the ethical issues in the practice of anthropology. Offered Fall

ANT 410. Environmental Policy & Planning. (3 Units)

Examination of natural resource policy on local, national, and international levels, across multiple and diverse ecosystems. Emphasis on contemporary management and conservation strategies in the context of social, scientific, environmental, and legal-institutional factors. Offered Infrequent

ANT 455. People Culture, and the Environment. (3 Units)

Course examines the political and economic aspects of relationships between society and nature, especially with reference to current environmental and human rights issues. Offered Spring

ANT 456. Quantitative Methods for Anthropology. (3 Units)

Prerequisite: MAT 131 is recommended. Provides an overview of the basic principles and techniques for developing a quantitative research design, collecting, and analyzing data, and presenting results. By the end of the course, all students should be proficient in basic statistical analysis in anthropological research. Offered Spring odd

ANT 490. Proseminar in Anthropology. (3 Units)

Prerequisite: ANT 100, ANT 101, and ANT 102. Explores careers in Anthropology, examines distinctions between academic and applied Anthropology, reviews career options within sub-fields of Anthropology, examines professional activities of Anthropologists, explains research design. Offered Spring

ANT 494. Independent Study. (1-4 Units)

Prerequisite: Consent of instructor. Independent study of a particular problem under the direction of a member of the anthropology department. Repeatable course. Offered Fall, Spring

ANT 495. Selected Topics In Anthropology. (1-4 Units)

Prerequisite: Consent of instructor. An intensive study of an issue, concept or theory in anthropology that is of special interest to both the faculty member and the students. Repeatable course. Three hours of lecture per week. Offered Fall, Spring

ANT 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course. Offered As needed

ANT 510. Environmental Policy and Planning. (3 Units)

Examination of natural resource policy on local, national, and international level, across multiple and diverse ecosystems. Emphasis on contemporary management and conservation strategies in the context of social, scientific, environmental, and legal-institutional factors. Offered Infrequent

ANT 555. People, Culture and the Environment. (3 Units)

Examines the political and economic aspects of relationships between society and nature, especially with reference to current environmental and human rights issues. Offered Spring

ANT 595. Special Topics in Anthropology. (3 Units)

Course exposes students to cross-cultural approaches to environmental problems and develops environmental problem-solving skills based on the holistic approach of anthropology. Students will examine the political and economic aspects of relationships between society and nature in reference to current environmental and human rights issues. Offered All terms, Infrequent

Art (ART)

ART 100. Looking At Art. (3 Units)

Learning to perceive art through discussion of selected historical periods, development of a descriptive vocabulary, and observation of actual works of art. Introduction to theories of interpretation and evaluation. Offered Fall, Spring, Summer

ART 101. Experiencing Creative Art. (3 Units)

Learning modes of artistic expression through discussion of theories of composition, examination of the lives and goals of selected artists and art movements, and creation of individual and group art projects. Discussion of projects to develop skills in art criticism. This course is restricted to 1st time Freshman going through the First Year Experience. Offered Fall, Spring

ART 150. Ceramics 1. (3 Units)

History of and introduction to ceramics design problems with ceramic materials emphasizing hand forming. Familiarization with low and high firing techniques. Six hours of activity per week. Fee required. Offered Fall, Spring

ART 165. Contemporary Art Practices 1. (3 Units)

Prerequisites: ART 170 is recommended. Introduction to current art practices. students will learn to conceptualize and produce contemporary art using a variety of materials, technologies and post-studio strategies. Six hours of activity per week. Offered All terms, Fall

ART 170. 2-D Design. (3 Units)

Principles of design as they relate to two dimensional elements (point, line, shape, texture, color, etc.) and their composition on the pictorial surface. Introduction to various two-dimensional media. Six hours of activity per week. Offered Fall, Spring

ART 171. 3-D Design. (3 Units)

Principles of design as they relate to the three-dimensional elements (line, plane, volume, color) and their composition in space. Six hours of activity per week. Offered Spring, All terms

ART 179. Drawing 1. (3 Units)

A foundation course in drawing, oriented to understanding and use of various approaches to graphic representation. Six hours of activity per week. Offered Fall, Spring, All terms

ART 180. Painting 1. (3 Units)

A foundation course introducing the student to problems of pictorial space, organization, and color through the use of two-dimensional painting media. Six hours of activity per week. Offered Spring, All terms

ART 190. Sculpture 1. (3 Units)

Basic theory and methods of creating sculptural form by additive processes. Emphasis on clay modeling and waste-mold casting. Six hours of activity per week. Fee required. Offered Fall, All terms

ART 301. Arts/Crafts For Non-Major. (3 Units)

Development, experience, and application of arts and crafts projects of special value to Liberal Studies and Recreation majors. Six hours of activity per week. Offered Fall, Spring, Summer

ART 355. Ceramics 2. (3 Units)

Prerequisite: ART 150 is required. History of and continuation to ceramics design problems with ceramic materials emphasizing hand forming. Familiarization with surface enhancements will also be explored. Six hours of activity per week. Fee required.
Offered All terms, Fall, Spring

ART 360. Contemporary Art Practices 2. (3 Units)

Prerequisite: ART 165 is required. An intermediate course exploring current art practices. Students will advance conceptual ideas to produce contemporary art, expanding on the materials, technologies, and post-studio strategies introduced in Contemporary Art Practices 1. Six hours of activity per week. Fee required.
Offered Spring

ART 361. Wheel Thrown Ceramics. (3 Units)

Introductory course to the use of the potter's wheel Building on the skills learned in Ceramics I; emphasis on wheel-throwing techniques. Surface enhancements and kiln firing process will also be addressed. Six hour of activity per week.
Offered Fall

ART 371. Drawing 2. (3 Units)

Prerequisite: ART 179. Development of skill in graphic representation, stressing an understanding of pictorial space and organization. Problems of technique and media. Six hours of activity per week.
Offered Spring

ART 373. The Figure 1. (3 Units)

Prerequisite: ART 179. Development of the graphic representation of the human form. Live models used to introduce problems of form, structure, and anatomy. Six hours of activity per week. Fee required.
Offered Fall

ART 380. Painting 2. (3 Units)

Prerequisites: ART 170 and ART 180. Problems in the creative use of the materials of painting. Emphasis on visual concepts, interpretation, and expression. Six hours of activity per week.
Offered Fall

ART 384. Painting 3. (3 Units)

Prerequisite: ART 380. Development of a more comprehensive understanding of materials and methods as they related to current concepts of painting. Six hours of activity per week.
Offered Spring

ART 385. Visual Media Studies 1. (3 Units)

Prerequisites: ART 150, ART 165, ART 170, ART 171, ART 179, ART 180, ART 190 and ART 371 are required. ART 355, ART 360, ART 373, ART 380 and ART 392 are recommended. Intermediate course to begin creating a cohesive body of work. Emphasis on critical analysis, individual practice, group critique and current theoretical issues. Conceptualization and production of art can include any visual media. Six hours of activity per week.
Offered Fall

ART 392. Sculpture 2. (3 Units)

Prerequisite: ART 190 is required. Experiments in contemporary sculpture combining traditional concepts and the use of found objects and other readily available non-traditional materials. Introduction to wood and metal fabricating. Six hours of activity per week. Fee required.
Offered Spring

ART 395. Special Topics in Art. (3 Units)

Prerequisite: Consent of instructor. Study of special interest for students in the selected area of study. Topic and content will vary as announced.
Offered Infrequent

ART 447. Visual Identity and Branding. (3 Units)

Prerequisite: ART 344 is required. Study of building brands and brand identity. Visual systems and development of cultural messages are explored. Projects include development, research, client interaction, presentation, and independent student work. Six hours of activity per week. Fee required.
Offered Fall

ART 463. Ceramics 3. (3 Units)

Prerequisite: ART 355 or ART 361 is required. Study of the Mexica Culture and Nahuatl languages as reflected in 16th Century manuscripts. Designed to give students an indigenous cultural and linguistic perspective to read and analyze passages from primary sources in classic Nahuatl.
Offered Fall

ART 474. The Figure 2. (3 Units)

Prerequisite: ART 373. An advanced course in the graphic study of the human figure. Emphasis upon the creative interpretation of form and structure through media. Repeatable course. Six hours of activity per week. Fee required
Offered Fall

ART 485. Visual Media Studies 2. (3 Units)

Prerequisites: ART 150, ART 165, ART 170, ART 171, ART 180, ART 190, ART 371 and ART 385 are required. ART 355, ART 360, ART 373, ART 380 and ART 392 are recommended. Capstone course to complete a cohesive body of work for exhibition. Emphasis on critical analysis, individual practice, group critique and current theoretical issues. Six hours of activity per week.
Offered Spring

ART 486. Painting 4. (3 Units)

Prerequisite: ART 384. Advanced study emphasizing aesthetic development, personal imagery, and individual critical awareness. Self-initiated studio problems. Repeatable course. Six hours of activity per week.
Offered Spring

ART 492. Professional Practices Seminar. (3 Units)

Prerequisites: ART 150, ART 170, ART 171, ART 180, ART 165, ART 190, ART 371, Senior Status, Exhibiting in Spring Exhibition required. Co-requisite: ART 385 is required. This capstone provides professional training in the business of art addressing exhibition design, portfolio development, grant writing, residencies, and graduate school applications. A requirement before participation in the senior exhibition. Six hours of activity per week. Fee required.
Offered Fall

ART 493. Special Studies In Art. (3 Units)

Detailed study of material, method, concept, or period of Art. Repeatable course. Six hours of activity per week. Fee required.
Offered As needed

ART 494. Independent Study In Art. (1-3 Units)

Prerequisites: Senior standing as an Art major or minor is required; consent of instructor and department chair. ART 494 may not be substituted for a required course in the major or minor without prior consent of instructor and adviser. An art project undertaken with the advice and supervision of a Studio or Design Art faculty member. Repeatable course.
Offered Fall, Spring

ART 495. Selected/Variable Topics in Art. (3 Units)

Detailed study of art. Repeatable course. Restricted to juniors and seniors. Department consent required.
Offered As needed

ART 496. Internship In Art. (1-3 Units)

Prerequisites: Upper division standing and consent of instructor.
Supervised on- or off-campus art related work in selected museums, galleries, art and slide libraries, studios or commercial firms. Practical application of knowledge to such areas as exhibition, conservation, cataloging, and Art History, Studio or Design activity. Term paper required. Repeatable course.
Offered Fall, Spring

ART 498. Directed Rch Art History. (1-3 Units)

Prerequisites: Senior standing as an Art major or minor is required; consent of instructor and department chair. Preparation of a research paper on a selected topic in the History of Art. Repeatable course.
Offered Fall, Spring

Art History (ARH)

ARH 110. Introduction To World Art 1. (3 Units)

An overview of the major works of art and architecture from Prehistoric times through the Middle Ages around the world. Each style of art is related to the society which produced it.
Offered Fall

ARH 111. Introduction To World Art 2. (3 Units)

Prerequisite: ARH 110 is recommended. An overview of the major works of art and architecture from the Renaissance through the Modern Period. Each style of art is related to the society which produced it.
Offered Spring

ARH 322. Medieval to Gothic Art. (3 Units)

Prerequisites: ARH 110 and ARH 111. Examination of the art of Early Europe with emphasis upon the Medieval and Gothic periods. Emphasis is placed upon the study of the many forms of art and architecture from Medieval to Gothic periods including manuscripts, reliquaries, churches and cathedrals.
Offered As needed

ARH 323. Renaissance to Baroque Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An examination of the painting, sculpture, and architecture of the Early, Middle and Late Italian Renaissance as well as related developments in the North. The transitions from the Renaissance to Mannerism is studied as is the flourishing of Baroque arts in Italy, Spain, and throughout the Golden Age of Dutch painting. Rococo arts in France and Germany are also considered.
Offered As needed

ARH 331. Modern Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. History of visual arts in Europe and the United States from the middle of the 19th Century to World War II. Movements studied include Realism, Impressionism, Post-Impressionism, Early Abstraction, Expressionism, Cubism, Dada, Surrealism, and Abstract Expressionism.
Offered As needed

ARH 332. Modern Architecture. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An examination of key developments in the history of Modern Architecture beginning with the Beaux-Arts Style and progressing through Art Nouveau, The Chicago School, Early 20th Century Avant-Gardes, Art Deco, the International Style and Modern Architecture. Writings of important practitioners and theorists such as Louis B. Sullivan, Adolph Loos, Le Corbusier and others are also studied.
Offered As needed

ARH 333. Contemporary Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An examination of developments in the visual arts from 1980 to the present with emphasis upon the emergence of new media and forms. The course contextualizes art from the period within theoretical contexts of postmodernity.
Offered As needed

ARH 337. Art from Asia. (3 Units)

Prerequisites: ARH 110 and ARH 111. An examination of arts from selected regions of Asia including China, Japan, and Korea that includes study of traditional and contemporary forms.
Offered As needed

ARH 350. Art Of The United States. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. History of the visual arts in the United States from pre-colonization through the postwar period. Topics include the role of Native American and Spanish influences, European colonization, the Civil War, Gilded Age, World War I, Harlem Renaissance and World War II on the development of Art in the United States.
Offered Fall

ARH 352. Design History. (3 Units)

Prerequisite: ARH 111 is required. Introduces students to the history and theory of design from the Renaissance to the modern poster and contemporary digital developments. The relationship of design to social and political developments through history is emphasized.
Offered Fall

ARH 363. Art of Latin America. (3 Units)

Prerequisites: ARH 110 and ARH 111. A study of the history of Pre-Columbian arts of Mesoamerican from the Pre-formative through Post-Classic periods. Investigates architecture, monuments, sculpture, ceramics, and other arts from key archaeological sites. Concludes with examination of ancient Mayan art and culture.
Offered Fall odd

ARH 365. Art from Africa. (3 Units)

Prerequisite: ARH 110 and ARH 111. Study of ancient arts from Africa with emphasis upon selected regions including North Africa, Western Sudan, West Africa and the Western and Eastern Congo Basins.
Offered As needed

ARH 366. Writing in the Visual Arts. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. Designed to build skills in a range of writing found within the visual arts. Students analyze different forms of written communication within the visual arts and generate a body of writing that addresses different rhetorical situations and targeted audiences. Students generate, review in peer groups and revise samples of writing in the visual arts for presentation online.
Offered Fall

ARH 368. Women In Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An analysis of women as artists from the medieval period to the present with special emphasis given to women artists of the twentieth and twenty-first centuries.

Offered Spring odd

ARH 370. Art and Social Protest. (3 Units)

Prerequisites: ARH 110 and ARH 111. History of the technological and stylistic developments in the architecture of the nineteenth and twentieth centuries.

Offered As needed

ARH 490. Seminar in Theories of Art Criticism. (3 Units)

Prerequisites: Senior standing as an Art History major or minor or consent of instructor and department chair. ARH 110 and ARH 111 are required. An examination of various approaches to art criticism and theory with particular emphasis on modern developments. Subjects studied include Iconography, Psychoanalysis, Queer Theory, Post-Colonialism, Feminist Theory and Deconstruction.

Offered Spring odd

ARH 495. Selected/Variable Topics in Art History. (3 Units)

Detailed study of a period, area, figure or movement in the history of art. Repeatable course.

Offered As needed

ARH 496. Internship. (1-3 Units)

Internship in Art History related field both on campus and externally. Restricted to juniors and seniors. Department consent required.

Offered As needed

ARH 498. Undergraduate Directed Research. (1-3 Units)

Like and independent study, individual students will consult with Art History faculty to conduct an independent research project in Art History. Restricted to juniors and seniors. Department consent required.

Offered As needed

Arts Administration (AAD)

Asian-Pacific Studies (APP)

APP 101. Introduction To Asian Studies. (3 Units)

Basic themes and key issues in Asia and the Pacific region. Multi-disciplinary survey of art, literature, philosophy, religion, politics, and society. Background to understanding tradition and change in the region, and introduction to the multicultural roots of Asian-Pacific Americans.

Offered Fall, Spring

APP 195. Special Topics in Asian Pacific Studies. (3 Units)

Offered As needed

APP 201. Introduction to Asian American Studies. (3 Units)

Examines basic themes and key issues in the Study of Asian Americans. Interdisciplinary survey of immigration history, community formation, and development of ethnic identities through the arts, literature, music, multimedia and internet, cultural festivals, scholarship. and student and community organizations.

Offered Fall, Spring, Summer

APP 212. Introduction to Comparative Ethnic and Global Societies. (3 Units)

Explores the lived experiences of the three Ethnic/Global communities in the United States and their place of origin. Examines the socio-cultural dynamics in Africana, Asian-Pacific and Chicano/Latino communities.

Offered Fall, Spring

APP 225. Pacific Islander Culture in Oceania and the U.S.. (3 Units)

Examines the cultural, historical and contemporary experiences of various peoples of Hawai'i and the Pacific including the struggle over land, traditions, and sovereignty, state and national political restructurings, and global flows of knowledge, capital, and bodies.

Offered Fall, Spring

APP 295. Spec Topic Asian-Pacific Studies. (3 Units)

A study of selected topics or issues in Asian-Pacific Studies. Repeatable for a maximum of six units for credit.

Offered As needed

APP 311. Contemporary Issues in Asian American Communities. (3 Units)

Examination of the history and contemporary realities of Asian America. Analyzes the differences and commonalities in the experiences of various Asian American populations, focusing on the interplay of race, ethnicity, class, gender and culture in shaping their lives.

Offered Fall, Spring, Summer

APP 314. Asian Americans and the Media. (3 Units)

An investigation of the roles that artist-activists from the diverse areas of the world have played in 20th and 21st century social justice struggles. Students become familiar with the works of key resistance artists, including but not limited to the Mexican Muralists, members of the California Labor School, 1960's activists, and feminists. The course exposes students to specific propaganda art repositories, such as the Oakland Museum of California, where one of the world's largest and culturally diverse collections of social justice art is housed. The course examines museums in their evolution as sites of contestation for exhibitors and visitors who challenge their previously unquestioned scripts

Offered Fall, Spring

APP 315. Asian Pop Culture and Globalization. (3 Units)

Explores the growing transnational flows of Asian popular culture in historical and socioeconomic contexts. Analyzes the ramifications of the popularity of Asian pop culture for the changing contemporary global cultural landscape and power relations.

Offered Fall, Spring, Summer

APP 318. Vietnamese, Cambodian, and Lao Americans: Culture, History, and Identity. (3 Units)

Vietnamese, Cambodian, and Lao American culture, history, and identity examines the challenges of these immigrant groups focusing on the context of refugee experiences, intergenerational conflict, education, and preservation and transformation of culture in American society. GE F3.Â

Offered Fall, Spring

APP 319. Filipino American Experience. (3 Units)

Explores the lived experiences of Filipino Americans through the lens of Philippine history and culture, U.S. colonization, immigration, and community formation. Examines key issues, debates, and theories about diversity, ethnic identity and assimilation, education, families, and gender/sexuality.

Offered Spring odd

APP 325. Asian Pacific Art, Music and Literature. (3 Units)

Examination of diverse Asian Pacific cultures and history through art, music, and written and oral literatures. Analyzes the contributions of past and present artists, musicians/composers, and writers to the establishment and challenging of cultural identities in a globalized and mass-mediated world.

Offered Fall, Spring, Summer

APP 327. Values and Communication of Asian Pacific Cultures. (3 Units)

Prerequisites: Completion of all lower division General Education requirements. Junior Examination of basic values and societal outlooks unique to various Asian Pacific groups. Comparative analysis of verbal and nonverbal communication models for better cross-cultural understanding.

Offered Fall, Spring, Summer

APP 331. Japanese Comics/Animation. (3 Units)

Focusing on Japanese comics and animation, this course examines the contemporary transnational flows of culture and their implications. It also explores how the existing power relations between the East/West, center/periphery, and men/women are reflected and challenged in the production and dissemination of Japanese comics and animation.

Offered As needed

APP 333. E Asian Cul/Soc in Cinema. (3 Units)

Through critical analyses of films, this course will explore various aspects of East Asian societies including history, cultural traditions, socioeconomic transformations, politics, identity, gender and generational relations. It will also examine the issue of ethnic/racial/national/gender representation in East Asian cinema and its implications.

Offered As needed

APP 335. Asian Pacific Culinary Culture. (3 Units)

Analysis of Asian Pacific culture traditions and their transformation and globalization. Examines how Asian Pacific food culture intersects with local ecology, gender, cultural traditions, identity politics, (im)migration, colonialism, modernization, and globalization.

Offered Fall, Spring

APP 339. Asian Diaspora and Transnational Asian Religions. (3 Units)

Analysis of Asian diaspora populations' practice of Asian religions outside of Asia, especially in the U.S. Examines how Asian religions are transformed in different historical, social and cultural contexts and how the transformation in also intertwined with identity and community-building.

Offered Fall, Spring

APP 343. Asian Pacific Film & Literature. (3 Units)

Critical analysis on how a written source can be transformed from literature into film. Several Asian Films and Asian novels or short stories will be examined.

Offered Fall, Spring

APP 350. Asian-Pacific Gender and Family. (3 Units)

Critical analysis of Asian gender and family structure and their dynamic processes. Examines issues of dating, marriage, reproduction, parenting and child socialization, domestic labor, the negotiation of paid work and family care, sexual desires and practices.

Offered Fall, Spring

APP 395. Special Topics in Asian Pacific Studies. (3 Units)

Prerequisite: Consent of program coordinator. An intensive study of an issue, concept or theme in Asian-Pacific Studies. Repeatable for a maximum of nine units for credit.

Offered As needed

APP 490. Sem: Asian-Pacific Issues. (3 Units)

Prerequisites: APP 301 and APP 321. Capstone experience in Asian-Pacific concentration. In-depth study and project development of historical or current issues confronting Asian-Pacific populations. Three hours of seminar per week.

Offered Infrequent

APP 494. Indepen Study:Asian-Pacific. (1-3 Units)

Independent study of a particular topic in Asian/Pacific Studies, relating two or more disciplines, such as anthropology, art, education, history, languages, music, philosophy, politics, or sociology under the direction of an Asian/Pacific Studies Program faculty member. Repeatable course.

Offered Fall, Spring

APP 495. Selected Topics:. (3 Units)

An intensive study of selected topics or issues in Asian-Pacific studies.

Offered Infrequent

APP 496. Internship in Asian Pacific Studies. (1-3 Units)

Prerequisites: Lower division courses in Asian Pacific Studies Involves supervised work experience in community-based business, non-profit organization, or government agency serving Asian Pacific Americans with specific emphasis upon business and public administration, public policy, program planning, and economic development projects in a local, national, and/or international setting. Supervision emphasizes training and application of administration, analytical, socio-political and cultural knowledge, and technical skills. Students will be placed in setting suitable to their academic specialization. One hour of tutorial per week is required with instructor. Student must complete all of the lower division courses in Asian Pacific Studies before they can enroll in an internship.

Offered Fall, Spring

Behavioral Science (BEH)

BEH 300. Res Methods Behavioral Science. (3 Units)

Prerequisites: MAT 131 or PSY 230 or SOC 220 and junior standing.

The course covers five areas: preparing and writing an academic paper, preparing and writing a literature review, developing a research proposal, general research methodology and delivering a research presentation.

Offered Fall, Spring

BEH 490. Seminar In Beh Sciences. (3 Units)

Prerequisites: Prerequisites: MAT 131, PSY 230 OR SOC 220 and BEH 300, POL 300, and SOC 305 are required. Must pass with grade C or better. Senior standing required. A seminar designed to integrate previous course work by approaching selected problems from the perspective of the various behavioral sciences. Preparation of seminar paper. Three hours of seminar

Offered Fall, Spring, All terms

Biology (BIO)

BIO 101. Success for Biologists. (1 Units)

Co-requisite: CHE 108 is required. This course will introduce concepts and skills to help students successfully navigate STEM courses and the biology major. Study skills, resources, careers, and academic mindset will be discussed. Students will be asked to reflect on their own learning.

Consent required.

Offered Fall, Spring

BIO 102. General Biology. (3 Units)

Representative topics in modern biology, emphasizing the present state of knowledge and the major means whereby this knowledge is being expanded. Three hours of lecture per week.

Offered Fall, Spring

BIO 103. General Biology Laboratory. (1 Units)

Prerequisite: BIO 102 (may be taken concurrently) Laboratory work and demonstrations in representative areas of modern biology. Emphasizes scientific methodology. Three hours of laboratory per week.

Offered Fall, Spring

BIO 120. Principles of Biology I. (3 Units)

Prerequisite: CHE 108 or satisfactory performance on General Chemistry Placement Test. CHE 110 is recommended. Co-requisite: BIO 121.

Introduction to basic biological concepts including biochemistry and macromolecules, the structure and function of cells, basic genetic principles, DNA replication, transcription and translation. Three hours of lecture per week.

Offered Fall, Spring

BIO 121. Principles of Biology Laboratory I. (1 Units)

Co-requisite: BIO 120. Laboratory investigations of the properties of biological molecules and cells, metabolism, and patterns of inheritance. Modern laboratory techniques and application of the scientific method are emphasized. Three hours of laboratory per week.

Offered Fall, Spring

BIO 122. Principles of Biology II. (3 Units)

Prerequisites: BIO 120 and BIO 121, CHE 108 or satisfactory performance on General Chemistry Placement Test. CHE 110 is recommended. Co-requisite: BIO 123. Introduction to basic biological concepts, including biology of prokaryotes, fungi, plants, invertebrates, and vertebrates, the anatomy and physiology of select organ systems. Three hours of lecture per week.

Offered Fall, Spring

BIO 123. Principles of Biology Laboratory II. (1 Units)

Laboratory investigations demonstrating the major properties of the animal kingdom, plant structure and reproduction, vertebrate organ systems and animal fertilization. Application of the scientific method is emphasized. Three hours of lab per week.

Offered Fall, Spring

BIO 124. Principles of Biology III. (3 Units)

Prerequisites: BIO 122 and BIO 123. Co-requisite: BIO 125. Introduction to basic concepts of evolution and ecology, including Darwinian evolution, biogeography, biodiversity, genomics, biomes, coevolution, and population, community, ecosystem, landscape, behavioral ecology. Three hours of lecture per week.

Offered Fall, Spring

BIO 125. Principles of Biology Lab III. (1 Units)

Co-requisite: BIO 124. Fossils and stratigraphy, population genetics and ecology, field measurements in ecology and field trips to local ecosystems. Three hours of laboratory per week.

Offered Fall, Spring

BIO 190. Introduction to Marine Life. (3 Units)

General aspects of marine biology including the principles of physical and biological oceanography, the biological processes of marine life and the ecology of marine environments.

Offered As needed

BIO 195. Special Topics in Biology. (1-3 Units)

Introductory course of special interest in Biology for entry level students. Topic and content will vary as announced. Two to three hours of lecture per week. Not open for credit toward the Biology major.

Offered Infrequent

BIO 214. Embryology. (2 Units)

Offered All terms

BIO 220. Molecular Biology. (3 Units)

Prerequisites: BIO 120, BIO 121, BIO 122, BIO 123 and CHE 110. Co-requisite: BIO 221. Principles of molecular biology including DNA replication, transcription, translation, DNA recombination and repair and gene regulation. Emphasis on prokaryotic and eukaryotic systems. Three hours of lecture per week.

Offered Fall, Spring, All terms

BIO 221. Molecular Biology Laboratory. (1 Units)

Co-requisite: BIO 220. Basic laboratory techniques used in molecular biology, including DNA recombination, cDNA synthesis, PCR, transfection, gel electrophoresis, protein purification, immunoblotting. Required laboratory reports. Three hours of laboratory per week.

Offered Fall, Spring

BIO 250. Elem Hum Anat & Physiol. (3 Units)

Prerequisite: BIO 102 or equivalent or BIO 120 or equivalent. Basic principles of anatomical structure and physiological processes of human organ systems. Not open for credit toward the Biology major. Three hours of lecture per week.

Offered Fall, Spring, All terms

BIO 251. Elem Hum Anatomy Phys Lab. (1 Units)

Co-requisite: BIO 250. Laboratory work and demonstration in the anatomical structure and processes occurring in man. Not open for credit toward the Biology major. Three hours of laboratory per week.

Offered Fall, Spring

BIO 254. Human Biology. (3 Units)

Prerequisite: BIO 102 or equivalent. Biological aspects of humans with emphasis on structure and function of organ systems. Additional topics may include human origins, diseases, and health aspects of human genetics and the environment. Not open for credit towards the Biology major. Three hours of lecture per week.

Offered Fall

BIO 310. Plant Physiology. (3 Units)

Prerequisites: BIO 124, BIO 125. Co-requisite: BIO 311. An introduction to cell metabolism in plants. Topics include photosynthesis, respiration, amino acid synthesis and lipid metabolism. Physiology of plants, including hormones, photoperiodism and circadian rhythms, will also be covered. Three hours of lecture per week.

Offered Spring

BIO 311. Plant Physiology Laboratory. (1 Units)

Co-requisite: BIO 310. Associated laboratory to BIO 310. Topics include photosynthesis, respiration, amino acid synthesis and lipid metabolism. Physiology of plants, including hormones, photoperiodism and circadian rhythms, will also be covered. Three hours of laboratory per week.

Offered Spring

BIO 312. Animal Physiology. (3 Units)

Prerequisites: BIO 124, BIO 125. Co-requisite: BIO 313. Introduction to comparative animal physiology with emphasis on the vertebrates. Topics include gas exchange, circulatory function, digestion temperature regulation, metabolism, osmoregulation and excretion. Three hours of lecture per week.

Offered Fall

BIO 313. Animal Physiology Laboratory. (1 Units)

Co-requisite: BIO 312. Laboratory work and demonstration of the principles on how physiological systems work in normal and stressed conditions. Exercises coordinate with and reinforce material presented in BIO 312. Three hours of laboratory per week.

Offered Fall

BIO 314. Developmental Biology. (3 Units)

Prerequisites: BIO 124, BIO 125, and BIO 220 required. Co-requisite: BIO 315 required. Students will discuss developmental events from gametogenesis through organogenesis in a variety of animal models. The cellular and molecular mechanisms controlling development will be explored. We will also discuss how intrinsic and extrinsic factors can alter the developmental outcomes, which might lead to developmental defects and diseases.

Offered Spring

BIO 315. Developmental Biology Lab. (1 Units)

Co-requisite: BIO 314. Laboratory work and examination of the developmental anatomy in the frog and chick embryos, fertilization and early development of sea urchin and isolation of chick muscle, organs and whole embryos. Three hours of laboratory per week.

Offered Spring

BIO 320. Cell Biology. (3 Units)

Prerequisites: BIO 220, BIO 221; CHE 310, CHE 311 or CHE 316, CHE 317.

Structure and function of eukaryotic cells with emphasis on the role of organic macromolecules, mechanisms of energy metabolism, DNA and protein synthesis, protein sorting, endo- and exocytosis, cell signaling, cytoskeletal elements, biotechnology and cell research techniques. Three hours of lecture per week.

Offered Fall, Spring

BIO 324. Microbiology with Clinical Applications. (3 Units)

Prerequisite: BIO 122, BIO 123; CHE 300, CHE 301 or CHE 310, 311, or CHE 316, CHE 317; Corequisite: BIO 325. The morphology, physiology, genetics and classification of microorganisms; applied aspects of microbiology. Basic bacteriological techniques included in the laboratory. Three hours of lecture per week.

Offered Fall

BIO 325. Microbiology with Clinical Applications Laboratory. (1 Units)

Co-requisite: BIO 324. Use of basic bacteriological techniques, including correct use of compound microscope, standard staining for microorganism identification, routine aseptic inoculations and culturing microbes. Three hours of laboratory per week.

Offered Fall, All terms

BIO 326. General Microbiology. (3 Units)

Prerequisites: BIO 124, BIO 125, BIO 220, CHE 112 are required. BIO 221, CHE 310, and CHE 311 are recommended. Co-requisite: BIO 327 is required. Introduction to the biology of microorganisms. The course examines microbial structure, metabolism, genetics, and growth, and will discuss microorganisms in different ecological environments and their role in pathogenicity. Three hours of lecture per week.

Offered Fall, All terms

BIO 327. General Microbiology Laboratory. (1 Units)

Prerequisites: BIO 124, BIO 125, BIO 220 and CHE 110 are required. Co-Requisites: BIO 326 is required. This laboratory course will introduce microbiology research and testing methods, including establishing experimental design. Basic techniques are emphasized, such as sterile techniques, culturing and microscopy. Students will be using methods to identify unknown microorganisms. Three hours of laboratory per week.

Offered Fall

BIO 330. Botany. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. Co-requisite: BIO 331 is required. An introduction to plant biology. Topics include anatomy and morphology, the evolution of land plants, and basic ecology. There will be a special focus on plant reproduction. Three hours of lecture per week.

Offered All terms, Fall

BIO 331. Botany Laboratory. (1 Units)

Prerequisite: BIO 124 and BIO 125 are required. Co-requisite: BIO 330 is required. Laboratory work to examine plant cells and tissues, diversity of land plants, and plant ecology. Emphasis includes phylogenetics, floral evolution, and Southern California ecology. Three hours of laboratory per week.

Offered Fall

BIO 332. Ecology. (3 Units)

Prerequisites: BIO 124, BIO 125. Co-requisite: BIO 333. Concepts in ecology including energy flow, biogeochemical cycles, community structure, succession, and population growth and interaction. Sampling techniques and use of ecological instrumentation learned in laboratory. Three hours of lecture per week.

Offered Spring

BIO 333. Ecology Laboratory. (1 Units)

Co-requisite: BIO 332. Laboratory work demonstrating principles of ecology, specifically the physical environment, adaptations of individuals, populations, communities of plants and animals, ecosystem, evolutionary ecology, biodiversity and biogeography, and interactions of human beings with the environment. Three hours of laboratory per week.

Offered Spring

BIO 336. Environmental Biology. (3 Units)

Prerequisite: BIO 102 or BIO 122 is required. Principles of ecology applied to contemporary environmental problems. Emphasis is placed upon human impact in Southern California. One day (18 hour) field trip is required. Not open for credit toward the Biology major.

Offered Spring

BIO 340. Genetics. (3 Units)

Prerequisites: BIO 124, BIO 125, BIO 220, MAT 131. CHE 310 and CHE 311 or CHE 316 and CHE 317 are recommended. Principles of heredity, gene expression at the molecular and organismic levels, variation and mutation. Three hours of lecture per week.

Offered Fall, Spring

BIO 342. Cell And Genetics Lab. (1 Units)

Prerequisite: BIO 220 and BIO 221. An introduction to modern techniques of biological research on cell biomolecules and genetics, with emphasis on microscopy, protein isolation and characterization, enzyme activity, electrophoresis of biomolecules, transformation and PCR. Three hours of laboratory per week.

Offered Fall, Spring

BIO 346. Human Heredity. (3 Units)

Prerequisite: BIO 102 or equivalent. Introduction to human genetics, including human reproduction. Mendelian inheritance, chemical basis of gene action, mutation, and eugenics. Not open for credit toward the Biology major or to students with credit in BIO 340.

Offered Infrequent

BIO 360. Marine Biology. (3 Units)

Introduction to the biology of marine life. Includes a review of common marine organisms and their taxonomic placement. Also includes an ecological perspective on marine planktonic, nektonic, and benthic communities with emphasis on the intertidal habitats of Southern California.

Offered Fall

BIO 361. Marine Biology Laboratory. (1 Units)

Co-requisite: BIO 360. The laboratory is devoted to learning the plants and animals common to each of a variety of local marine habitats. Several field trips are required. Transportation to field sites is the responsibility of each student. Three hours of laboratory or field work per week.
Offered Fall

BIO 370. Bio Basis Human Behavior. (3 Units)

Prerequisite: BIO 102 or equivalent. Biological structure and function as it relates to human behavior. Emphasis on the structure of the central and peripheral nervous systems, sensory systems, neurotransmission, endocrine system and hormones, genetic influences, neuropharmacology and the impact of disease on human behavior. Not open for credit toward the Biology major.
Offered Spring

BIO 374. Drug Abuse. (3 Units)

Prerequisite: BIO 102 or equivalent. Introduction to the problem of drug abuse. The action of commonly abused drugs on the human nervous system will be examined including the physiological and behavioral effects which are produced. Not open for credit toward the Biology major.
Offered Fall, All terms

BIO 380. Biology of Childhood and Adolescence. (3 Units)

Prerequisite: BIO 250 or BIO 254. The physiology of growth and development through the second decade of life; reproductive maturation and the hormonal regulation of puberty; common illnesses, growth disorders and health hazards, including a brief introduction to venereal diseases and drug abuse. Not open for credit toward the Biology major.
Offered Infrequent, All terms

BIO 386. Human Aging. (3 Units)

Prerequisite: BIO 250 or BIO 254. The effects of aging on the structure and physiology of the human body and the effects of drugs used in the treatment of the elderly. Not open for credit toward the Biology major.
Offered As needed

BIO 394. Independent Study. (1-3 Units)

Prerequisite: BIO 124, BIO 125. Advanced library, field or laboratory work. A contract must be signed by the student and supervising faculty. Credit in this course is contingent upon completion of a written report of work accomplished. Not more than three units may be applied toward the Biology major or minor. Repeatable course.
Offered Fall, Spring

BIO 395. Special Topics In Biology. (2-3 Units)

Prerequisites: BIO 102 or equivalent or consent of instructor. Courses of special interest in Biology for students not majoring in the field. Topic and content will vary as announced. Not open for credit toward the Biology major. Repeatable course. Two or three hours of lecture per week.
Offered As needed

BIO 412. Comparative Vert Biology. (4 Units)

Prerequisites: BIO 124, BIO 125 and BIO 312, BIO 313. Vertebrate evolution, classification and ecology and adaptive morphology will be investigated through observations of behavior, study of fossils, and comparative anatomy dissections. Three hours of lecture and three hours of laboratory per week. Several field trips, including one or more weekend trips required.
Offered Infrequent

BIO 416. Landscape Ecology. (3 Units)

Interrelationships among ecosystems in space and time. How abiotic, biotic, and historical factors and disturbance combine to shape present-day landscapes. Use of computer technologies, such as remote sensing and geographic information systems, to study landscape characteristics.
Offered Spring

BIO 419. Histotechnique Laboratory. (2 Units)

Co-requisite: BIO 420. Preparation of normal and abnormal tissues for microscopic study. Methods of preparation of tissues for sectioning with paraffin and freezing microtomes. Methods of fixation, dehydration, infiltration, embedding and sectioning tissues. Application of different stains on tissues. Six hours of laboratory per week.
Offered Spring

BIO 420. Histotechnique. (2 Units)

Prerequisite: BIO 122, BIO 123. Co-requisite: BIO 419. Preparation of tissues for microscopic study, with emphasis on paraffin embedding and staining. Two hours of lecture per week.
Offered Spring, All terms

BIO 421. Advanced Molecular Biology. (3 Units)

Prerequisites: BIO 220, BIO 221, BIO 320, BIO 340, BIO 342, CHE 310 and CHE 311. Recombinant DNA techniques used in the study of genome organization and gene structure, expression and regulation; emphasis on eukaryotic cells. One hour of lecture and six hours of laboratory per week.
Offered Fall

BIO 422. Histology. (3 Units)

Prerequisites: BIO 122 and BIO 123 are required. Co-requisite: BIO 424. Microscopic study of the structure and function of cells and tissues and their integration into organs. Three hours of lecture per week.
Offered Spring

BIO 423. Cell Fine Structure. (3 Units)

Prerequisite: BIO 320 or BIO 422 and BIO 424. Structure and function of eucaryotic sub-cellular constituents at the light and electron microscopic and biochemical level.
Offered Infrequent, All terms

BIO 424. Histology Laboratory. (1 Units)

Co-requisite: BIO 422. Microscopic study of the structure and function of cells and tissues and their integration into organs. Three hours of laboratory per week.
Offered Spring

BIO 425. Medical Bacteriology. (2 Units)

Prerequisites: BIO 324, BIO 325, CHE 310, CHE 311 or CHE 316, CHE 317. Co-requisite: BIO 435. Characteristics of bacterial agents in human disease emphasizing host-parasite relationships, epidemiology and infection control. Two hours of lecture per week.
Offered Spring

BIO 426. Immunology. (3 Units)

Prerequisites: BIO 320 or BIO 340; BIO 342 is recommended. Co-requisite: BIO 436. Principles of immunology. Emphasis on the cellular and molecular nature of antigens and immunoglobulins; immunobiology; laboratory immunoassays. Three hours of lecture per week.
Offered Fall

BIO 427. Clinical Mycology. (3 Units)

Prerequisites: BIO 324 and BIO 325. BIO 425 and BIO 435 are recommended. Comparative morphology, physiology and pathogenicity of medically important fungi. Laboratory methods for identification emphasize interpretation and evaluation of results including the recognition of contaminating or opportunistic organisms. Two hours of lecture and three hours of laboratory per week.

Offered Infrequent

BIO 428. Virology. (3 Units)

Prerequisites: BIO 320, CHE 300, CHE 301 or CHE 310, CHE 311, or CHE 316, CHE 317. The anatomy, biochemistry, physiology and pathogenesis of bacterial and animal viruses emphasizing virus diseases of humans. Topics include structure, classification, theory and practical aspects of growth, purification and identification, host-virus interactions, tumor viruses and antiviral agents. Three hours of lecture per week.

Offered Fall

BIO 430. Comp BIO: Phlogenetics. (3 Units)

Prerequisites: BIO 124, BIO 125 and BIO 340. BIO 332 is recommended. Strategies for rigorous comparisons of different species: Permissions (legal), collection, identification (diagnosis), taxonomy, maintenance-alive and preserved, character state description, phylogenetic analysis and biogeography. Two hours of lecture and three hours of laboratory per week.

Offered Infrequent

BIO 435. Medical Bacteriology Laboratory. (2 Units)

Co-requisite: BIO 425. Laboratory methods used. Medical bacteriology, including detection, isolation and identification of medically important bacteria. Six hours of laboratory per week.

Offered Spring

BIO 436. Immunology Laboratory. (1 Units)

Co-requisite: BIO 426. Principles of immunology. Emphasis on the cellular and molecular nature of antigens and immunoglobulins; immunobiology; laboratory immunoassays. Three hours of laboratory per week.

Offered Fall

BIO 440. Molecular Genetics. (3 Units)

Prerequisites: BIO 320 and BIO 340. Genome structure in relation to control of gene expression in prokaryotic and eucaryotic cells; interplay between genes and regulatory reactions that control development. Topics include antibody diversity, neoplastic transformation by oncogenes, and pattern formation. Three hours of lecture per week.

Offered Spring

BIO 442. Human Genetics. (3 Units)

Prerequisites: BIO 320 and BIO 340. BIO 440 is recommended. Principles of human genetics including cytogenetics, Mendelian inheritance, pedigree construction, complex patterns of inheritance, biochemical defects, gene mapping, hemoglobinopathies, molecular genetics, prenatal diagnosis and gene therapy. Three hours of lecture per week.

Offered Infrequent

BIO 450. Evolution. (3 Units)

Prerequisite(s): BIO 124 and BIO 340 required. Explores how modern approaches to studying evolution are teaching us new and surprising things about how evolution works and its power to help explain patterns in the natural world. This course is a paper-based, discussion-based course.

Offered Fall

BIO 452. Minority Health Disparities. (3 Units)

Prerequisite: BIO 220 is required. BIO 320 is recommended. This course deals with the issue of minority health disparities from the many possible courses and treatments to ways to address this problem in the future.

Offered Spring

BIO 453. Endocrinology. (3 Units)

Prerequisites: BIO 220 is required. The role of endocrine glands and tissues in metabolic regulation, environmental adjustment, reproduction, and development of vertebrates, with emphasis on mammals. Three hours of lecture per week.

Offered Spring

BIO 458. Human Parasitology. (3 Units)

Prerequisites: BIO 122 and BIO 123. Co-requisite: BIO 459. Physiological aspects of parasites in man, their symbiotic host and parasite relationships and clinical diagnostic techniques. Three hours of lecture per week.

Offered Fall

BIO 459. Human Parasitology Laboratory. (1 Units)

Co-requisite: BIO 458. Physiological aspects of parasites in man, their symbiotic host and parasite relationships and clinical diagnostic techniques. Three hours of laboratory per week.

Offered Fall

BIO 483. Human Physiology. (3 Units)

Prerequisites: BIO 312 or BIO 320. Advanced lecture and discussion of the functional activities occurring in the human organ systems.

Offered Spring

BIO 490. Senior Project. (3 Units)

Prerequisites: Senior standing and department consent; completion of general education requirements, lower division major requirements and BIO 340. Students will engage in biological writing for diverse audiences including writing for other biologists and the general public. Synthesis of biological literature, data presentation, and the importance of biology to society will be addressed. A grade of C or better in this course fulfills the GWAR requirement for all Biology majors and minors.

Offered Fall, Spring, All terms

BIO 491. Seminar in Biological and Biomedical Research. (1 Units)

Prerequisite: Permission by professor. Current topics in biological and biomedical research presented by CSUDH faculty and prominent scientists from throughout the country. CR/NC grading. Repeatable for up to 2 units.

Offered Fall, Spring

BIO 495. Selected Topics in Biology. (2-3 Units)

Prerequisite: BIO 124 and BIO 125. Advanced course of special interest for students majoring in Biology. May include laboratory exercises. Topic and content will vary as announced. Repeatable course. Two to three hours of lecture per week.

Offered As needed

BIO 496. Internship in Biology. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. BIO 332 and BIO 333 are recommended. This course is available as an elective in the BS in Biology: Ecology and Environmental Biology option only. Supervised internship in ecological setting off campus. A maximum of three units may be applied towards the Biology major.

Offered Fall, Spring

BIO 498. Directed Research in Biology. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. BIO 332 and BIO 333 are recommended. This course is available as an elective in the BS in Biology: Ecology and Environmental Biology option only. The class is intended to allow students to receive ecological research experience off-campus. A maximum of three units may be applied towards the Biology major. Offered Fall, Spring

BIO 501. Biological Literature. (3 Units)

Prerequisite: Fulfillment of the Graduation Writing Requirement (GWAR). Standard forms of presentation of scientific research, including research articles, review papers, abstracts, poster and oral presentations. Sources of biological literature and contemporary literature search skills as well as data presentation formats and technical writing conventions will be addressed. Three hours of lecture per week. Offered Spring

BIO 502. Biostatistics. (3 Units)

Prerequisite: MAT 131 or MAT 171 or MAT 191 or equivalent. Application of statistical analyses to biological research with emphasis on experimental design. Analysis of variance, regression and correlation will be the primary topics. Three hours of lecture per week. Offered Fall

BIO 503. Biological Instrumentation. (3 Units)

Introduction to the operation and application of common instruments used in biological research. Emphasis on those instruments available for graduate research. Two hours of lecture and two hours of activity per week. Offered Infrequent

BIO 504. Research Techniques in Biology. (3 Units)

Introduction to how research is conducted and how to avoid the major pitfalls that can beset researchers. Ethical conduct of research, permits and permissions, important laboratory and field techniques, preparation for a PhD program. Three hours of lecture per week. Offered Fall

BIO 510. Urban Environmental Science. (3 Units)

Overview of environmental science. Problems specific to urban context. Pollution of air, water, etc., land-use change, environmental conflicts. Hands-on analysis of environmental conditions in Los Angeles area. Offered Spring

BIO 516. Landscape Ecology. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. BIO 332 and BIO 333 are recommended. Interrelationships among ecosystems in space and time. How abiotic, biotic, and historical factors and disturbance combine to shape present-day landscapes. Use of computer technologies, such as remote sensing and geographic information systems, to study landscape characteristics. Three hours of lecture per week. Offered Fall

BIO 520. Adv In Cell & Molecul Bio. (3 Units)

Prerequisite: BIO 421 or BIO 440. Current developments in the structure and function of viruses, prokaryotic cells, and eukaryotic cells. Three hours of lecture per week. Repeatable for credit in biology master's program for up to six units. Offered Spring

BIO 522. Applied Biotechnology Skills III. (3 Units)

PABS Skills III is a graduate course for students in the PSM program. In this course, students will learn advanced molecular biology techniques including isolation of DNA and RNA, Southern and Northern blots, transcriptional profiling, and siRNA mediated gene silencing. Offered Infrequent

BIO 523. Electron Microscopy. (3 Units)

Prerequisite: BIO 421. Theory and use of the electron microscopy preparation of tissue and photographic techniques. One hour of lecture and six hours of laboratory per week. Offered Infrequent

BIO 590. Graduate Seminar. (2 Units)

Presentation and discussion of selected topics in Biological Science. A minimum of two and a maximum of four units may be applied toward the biology master's degree. The repeated courses must be taught by different instructors or must be on different topics. Two hours of seminar per week. Offered Fall, Spring

BIO 595. Grad Sel Topics Biology. (2-3 Units)

Prerequisite: Consent of Department Chair. Advanced course of special interest to graduate students in Biology. Topic and content will vary as announced. Repeatable course. Two to three hours of lecture per week. Offered As needed

BIO 597. Directed Reading. (1-3 Units)

Library research on a specific subject in biology. Topic for study to be approved and directed by instructor. Can be used to prepare for the comprehensive examinations or to formulate a research problem prior to enrollment in BIO 598 or BIO 599. A maximum of three units may be applied toward the master's degree. Repeatable course. Offered Fall, Spring

BIO 598. Directed Research. (1-3 Units)

Laboratory research on a specific subject in biology. Topic of research to be approved and directed by an instructor. A maximum of three units may be applied toward the master's degree. Repeatable course. Offered Fall, Spring

BIO 599. Thesis. (1-4 Units)

Laboratory research and writing of thesis for the master's degree. Topic of research to be approved by graduate advisor. A maximum of 9 units of BIO 597, 598 and 599 combined may be applied toward the master's degree. Open only to thesis option graduate students. Repeatable course. Offered Fall, Spring

BIO 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examinations, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required. Offered Fall, Spring

Biophysics (BPH)

BPH 201. Seminar I: Introduction to Biophysics. (1 Units)

Prerequisite: PHY 120. Course is designed to inform students about the field of biophysics, its career applications, and college success. Students will understand how physics can be integrated into biology and explore basic computational tools through a tutorial approach. Offered Fall

BPH 202. SeminarII: The Art of Scientific Presentation and The Frontiers of Physics. (1 Units)

Prerequisites: BPH 201, PHY 120 are required or consent of instructor. Students learn how to prepare and give presentations on their research interests or discipline topics. Emphasis is given to the preparation, execution, and critique of effective scientific presentations. Offered Spring, Summer

BPH 330. Biological Physics. (3 Units)

Prerequisites: BIO 122, BPH 202, PHY 306 and CHE 310 are required. Introduction to the interface between biology and physics, applying the results of thermodynamics to topics such as protein folding, molecular machines, brain function, with a focus on molecular and cellular biology. Offered Fall

BPH 340. Experimental Biophysics. (3 Units)

Prerequisites: BPH 202, BIO 122, CHE 310 and PHY 306 are required. Co requisite: PHY 346 is required. A laboratory course introducing interdisciplinary research techniques and research writing in biophysics. Basic concepts behind commonly used biological techniques and how to collect and communicate discipline-specific data. Offered Spring

BPH 402. BIOPHYSICS RESEARCH. (1-3 Units)

Prerequisite: PHY 306, BPH 340, or faculty permission. An independent research project, supervised by a faculty mentor in the physics or biophysics department.

BPH 406. Computational Biophysics. (3 Units)

Prerequisites: PHY 306, BPH 330, BPH 340. An introduction to scientific computational methods and their application in physics, using various numerical and symbolic computing techniques.

BPH 410. Medical Biophysical Education and Medical Industry Impact on Society. (3 Units)

Prerequisites: BPH 201, BPH 202, BPH 340. This course will help students meet the criteria for professional schools. The students will practice professional communication skills through healthcare practices. The course's service-learning component requires shadowing of healthcare professionals for eight weeks and completing thirty volunteer hours with community organizations.

BPH 460. Advanced Microscopy. (3 Units)

Prerequisite: PHY 306, PHY 320, BPH 330, BPH 340. An introduction to the use of quantitative fluorescence microscopy procedures in modern biophysics laboratories.

Business (BUS)

BUS 100. Entrepreneurship For Everyone. (3 Units)

Covers key issues involving entrepreneurship. Including how to write a business plan the will document your business ideas, developing a deal to finance your plan and developing a pitch to sell your plan to investors or partners. Offered Infrequent

BUS 300. Business Communications. (3 Units)

Prerequisite: Introduces the Business Administration student to effective business communication tools and techniques. Includes all standard forms of contemporary business communication, both written and oral. Students will have weekly written and/or oral assignments with appropriate feedback. A-C/NC grading. Offered Fall, Spring

BUS 301. Employment Communications. (1 Units)

Prerequisite: ENG 109, ENG 110 or ENG 112 is required. Introduces tools and techniques that are used to produce effective business communication, both oral and written. Students will learn specific skills that can be used in the business world to convey thoughts, ideas and recommendations to coworkers and superiors, while enhancing professional image and chances for future success. Emphasis will be placed on the job packet: resumes, cover letters, references and thank you letters. Offered Fall, Spring, Summer

BUS 302. Written Communications. (1 Units)

Prerequisite: ENG 109, ENG 110 or ENG 112 is required. Introduces tools and techniques that are used to produce effective business communication, both oral and written. Students will learn specific skills that can be used in the business world to convey thoughts, ideas and recommendations to coworkers and superiors, while enhancing professional image and chances for future success. Emphasis will be placed on drafting, revising and polishing professional business documents. Offered Fall, Spring, Summer

BUS 303. Oral Communication. (1 Units)

Prerequisite: ENG 109, ENG 110 or ENG 112 is required. Introduces tools and techniques that are used to produce effective business communication, both oral and written. Students will learn specific skills that can be used in the business world to convey thoughts, ideas and recommendations to coworkers and superiors, while enhancing professional image and chances for future success. Emphasis will be placed on oral communication skills. Offered Fall, Spring, Summer

BUS 445. International Business. (3 Units)

Prerequisites: FIN 360, MGT 310 and MKT 350. Focused study in international business with an emphasis on the additional risks, uncertainties and difficulties of business conducted across national boundaries; students will use disciplinary writing to produce case studies and written reports to analyze and examine the financial, management, legal accounting and marketing areas. A grade of C or better in this course fulfills the GWAR requirement for Business Majors and Minors. Offered Fall, Spring, Summer

BUS 494. Independent Study. (3 Units)

Prerequisites: Consent of the instructor and of the business administration advisement coordinator. Independent research or other study under the direction of a full-time faculty member of the Business Administration Program. CR/NC grading. Repeatable course. Offered As needed

BUS 495. Special Topics:. (1-3 Units)

Prerequisite: Consent of the instructor. Advanced seminar on a topic of current interest to the discipline of business administration. Repeatable course. Three hours of seminar per week. Offered As needed, All terms

BUS 496. Business Internship. (3 Units)

Prerequisites: Upper division status and consent of Internship Coordinator. Under direction of the Internship Coordinator, students work in a business organization applying skills and knowledge learned in the classroom. CR/NC grading. Repeatable course. Offered Fall, Spring

BUS 594. Independent Study In Bus. (1-3 Units)

Prerequisites: Consent of the instructor and MBA program coordinator. Independent research or special projects under the direction of a full-time faculty member of the master of business administration program. CR/NC grading. NOTE: Cannot substitute for a required course or elective. Offered Infrequent

BUS 595. Selected Topics:. (1-3 Units)

Prerequisite: Completion of core courses. A variable topics course in a functional area of business administration or of special interest to business management. New topics will be offered each term. Repeatable course. Three hours of seminar per week. Offered Infrequent

BUS 600. Grad Continuation Course. (1 Units)

Prerequisite: Consent of graduate program coordinator required. Graduate students who have completed their course work but not their thesis project or comprehensive examinations or who have other requirements remaining for the completion of their degree may maintain continuous attendance by enrolling in this course. Offered Fall, Spring

Chemistry (CHE)

CHE 102. Chemistry For The Citizen. (3 Units)

A non-mathematical treatment of the basic principles of chemistry and their application to various facets of life in a highly technological society. Offered Fall, Spring, All terms

CHE 103. Chemistry Lab for the Global Citizen. (1 Units)

Recommended general education course for students interested in the chemistry of everyday life. Includes determining the composition of foods and drugs, measurements, unit conversions, scientific notation, chemical representations, mole concept, structure of atoms and molecules. Three hours of laboratory per week. Offered Fall, Spring

CHE 108. Introduction to College Chemistry. (5 Units)

Measurements, units, unit conversion, scientific notation, chemical stoichiometry, mole concept, structure of atoms and molecules. CR/NC grading. Three hours of lecture and six hours of laboratory per week. Offered Fall, Spring, All terms

CHE 110. General Chemistry I. (5 Units)

Prerequisites: CHE 108 or high school chemistry and satisfactory performance on the General Chemistry Placement test. Chemical stoichiometry, atomic structure, periodic table, quantum theory, gases, thermochemistry, ionic bonding, Lewis formulas, liquids, solids, solutions. Four hours of lecture and three hours of laboratory per week. Offered Fall, Spring, All terms

CHE 112. General Chemistry II. (5 Units)

Prerequisite: CHE 110. Chemical kinetics, equilibria, thermodynamics, acids and bases, solubility, electrochemistry, covalent bonding, transition metal complexes. Four hours of lecture and three hours of laboratory per week. Offered Fall, Spring, All terms

CHE 230. Quantitative Analysis. (4 Units)

Prerequisite: CHE 112. Introduction to the techniques and theory of gravimetric and volumetric analyses, colorimetry, flame photometry and electroanalytical procedures. Two hours of lecture and six hours of laboratory per week. Laboratory fee required. Offered Fall, Spring

CHE 300. Organic Chemistry I. (3 Units)

Prerequisite: CHE 112 or 1 year of general chemistry. A detailed study of organic molecular structure, reaction mechanisms stereochemistry, and synthesis with emphasis on a aliphatic and aromatic systems. Offered Summer

CHE 301. Organic Chemistry Lab I. (1 Units)

Prerequisites: CHE 112 or 1 year of general chemistry; concurrent enrollment in CHE 300. Basic experimental techniques of organic chemistry. Three hours of laboratory per week. Offered Summer

CHE 302. Organic Chemistry II. (3 Units)

Prerequisites: CHE 300 and CHE 301. Concurrent enrollment in CHE 303. Continuation of CHE 300 with emphasis on the chemistry of organic compounds containing oxygen and nitrogen. Offered Summer

CHE 303. Organic Chemistry Lab II. (1 Units)

Prerequisites: CHE 112 or 1 year of general chemistry; concurrent enrollment in CHE 302. Preparation of organic compounds and qualitative organic analysis. Three hours of laboratory per week. Offered Summer

CHE 310. Organic Chemistry I. (4 Units)

Prerequisites: CHE 112; concurrent enrollment in CHE 311. Systematic study of organic compounds, with emphasis on molecular structure and reaction mechanisms; stereochemistry; aliphatic compounds. Offered Fall, Spring

CHE 311. Organic Chemistry Lab I. (1 Units)

Prerequisite: Concurrent enrollment in CHE 310. Techniques of separation and purification of organic compounds. Introduction to organic synthesis. Three hours of laboratory per week. Fee required. Offered Fall, Spring

CHE 312. Organic Chemistry II. (3 Units)

Prerequisites: CHE 310, CHE 311; concurrent enrollment in CHE 313. A continuation of CHE 310 with emphasis on aromatic systems. Introduction to spectroscopy. Structures and reactions of organic compounds containing oxygen and nitrogen. Offered Fall, Spring

CHE 313. Organic Chemistry Laboratory II. (2 Units)

Prerequisites: CHE 310, CHE 311; concurrent enrollment in CHE 312. Organic synthesis, introduction to spectroscopy. Qualitative organic analysis. Six hours of laboratory per week. Fee required. Offered Fall, Spring

CHE 316. Survey of Organic Chemistry. (3 Units)

Prerequisite: CHE 112 and concurrent enrollment in CHE 317. Structure and properties of aliphatic and aromatic compounds. Stereochemistry and functional group chemistry. Oriented toward life sciences and related areas. Offered Fall, Spring

CHE 317. Survey of Organic Chemistry Laboratory. (1 Units)

Co-requisite: CHE 316. Basic purification processes and techniques of separation of mixtures. Preparation of organic compounds. Introduction to qualitative and quantitative analytical methods, including chemical, chromatographic, and spectroscopic procedures. Three hours of laboratory per week. Fee required. Offered Fall, Spring

CHE 320. Physical Chemistry I. (5 Units)

Prerequisites: CHE 112 and CHE 230; MAT 193; PHY 132. PHY 122 may be substituted for PHY 132 by students in the biochemistry option and by non-chemistry majors, with consent of instructor. Principles and applications of classical thermodynamics and chemical kinetics. Introduction to computer based techniques of treating scientific data. Offered Fall

CHE 322. Physical Chemistry II. (3 Units)

Prerequisite: CHE 320. Introduction to group theory, quantum chemistry, spectroscopy and statistical thermodynamics. Offered Spring

CHE 360. Writing in Chemical Sciences. (2 Units)

Prerequisites: CHE 310 or concurrent enrollment required. Extensive practice in written chemistry communication, emphasizing effective communication of scientific data to a wide variety of audiences. Extensive practice in writing chemistry reports and summaries, preparing career related documents, searching and evaluating chemical literature. A grade of C or better in this course fulfills the GEAR requirement for all Chemistry and Biochemistry majors.
Offered Fall, Spring

CHE 393. Supervised Projects. (1-3 Units)

Prerequisites: CHE 112 and consent of instructor. Laboratory projects to be carried out under the supervision of a chemistry faculty member. Designed for students of sophomore and junior standing. A-C/NC grading. Repeatable course. Three to nine hours of laboratory per week.
Offered Fall, Spring

CHE 420. Advanced App for Chemistry. (2 Units)

Prerequisite: CHE 320. Advanced applications for chemistry including computational techniques, molecular modeling, combinatorial approaches to synthesis, data acquisition and analysis, and use of computers to simulate spectral data. One hour of lecture and two hours of activity per week.
Offered Spring

CHE 431. Adv Integrated Lab I Lec. (3 Units)

Prerequisites: CHE 230 and CHE 320. Experimental work involving instrumental analytical techniques, inorganic syntheses, physical measurements on chemical systems. Analysis of experimental data, including the use of computer techniques. One hour of lecture and six hours of laboratory per week.
Offered Fall

CHE 433. Adv Integrated Lab II Lec. (3 Units)

Prerequisites: CHE 431 and CHE 322. A continuation of CHE 431. One hour of lecture and six hours of laboratory per week.
Offered Spring

CHE 440. Inorganic Chemistry. (4 Units)

Prerequisite: CHE 322. Structural inorganic chemistry, coordination compounds, mechanisms of inorganic reactions, inorganic synthetic methods. Organometallic chemistry, catalysis.
Offered Spring

CHE 450. Biochemistry I. (4 Units)

Prerequisites: CHE 230, CHE 312 and CHE 313, or CHE 316 and CHE 317, and concurrent enrollment in CHE 451. The chemistry of amino acids and proteins; the chemistry and metabolism of carbohydrates and lipids; energetics in living systems.
Offered Fall, Spring

CHE 451. Biochemistry I Lab. (1 Units)

Prerequisites: CHE 230, CHE 312, and CHE 313, or CHE 316 and CHE 317, and concurrent enrollment in CHE 450. Biochemistry laboratory experiments using advanced techniques for separation and analysis of biologically active compounds. Three hours of laboratory per week. Fee required.
Offered Fall, Spring

CHE 452. Biochemistry II. (4 Units)

Prerequisite: CHE 450. Metabolism of nitrogenous compounds, discussion of nucleic acid structure/function and metabolic control.
Offered Spring

CHE 453. Biochemistry II Lab. (2 Units)

Prerequisites: CHE 451 and concurrent enrollment in CHE 452. Biochemistry experiments using advanced techniques for the isolation and purification of macromolecules, and for determination of their activity or function. Six hours of laboratory per week.
Offered Spring

CHE 456. Clinical Chemistry. (3 Units)

Prerequisites: CHE 450 and CHE 451. Methods of analysis of body fluids and tissues. Relation of analytical results to interpretation of metabolism and diagnosis of disease. Three hours of lecture and three hours of laboratory per week. Laboratory fee required.
Offered Fall, Spring

CHE 458. Toxicology. (3 Units)

Prerequisites: CHE 450 is required; CHE 452 is recommended. Discussion of methods of introduction of toxic substances into the body, their metabolic transformations, and their biochemical and physiological effects. Examples drawn from forensic, clinical, occupational, and environmental sources.
Offered Infrequent

CHE 460. Chemical Literature. (2 Units)

Prerequisites: CHE 312 and CHE 320. Chemical literature, including the nature, content, and accessibility. Modern electronic search and retrieval techniques. CR/NC grading.
Offered Spring

CHE 474. Geochemistry. (3 Units)

Prerequisites: CHE 112 is required; EAR 356 is recommended. Factors controlling the distribution of the chemical elements in the earth, atmosphere and oceans. Methods in the analysis of minerals. Special consideration of economically important metals. Applications in earth sciences, chemistry, and environmental studies. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

CHE 495. Selected Topics in Chemistry. (1-3 Units)

Prerequisite: Consent of instructor. Lectures on a specific area of current interest in chemistry, or advanced discussion of a selected topic in a limited field of chemistry. Repeatable course. One to three hours of lecture per week.
Offered Fall, Spring

CHE 497. Directed Research. (1-3 Units)

Prerequisites: Senior standing and consent of instructor. Advanced laboratory work, with each student undertaking an independent and original investigation. A-C/NC grading. Repeatable course. Three or nine hours of laboratory per week.
Offered Fall, Spring

Chicano/Chicana Studies (CHS)

CHS 100. Chicana/o Cultural Roots. (3 Units)

An introduction to Chicana/o cultural traditions influenced by diverse Mexican Indian, African, and European experiences and histories prior to, during and after the conquest of Americas. Special focus is on Mexico and the Southwest of the United States.
Offered Fall, Spring

CHS 125. Chicano/Latino Musical Culture. (3 Units)

The course examines musical expressions of Chicano and Latino peoples in the present geographical boundaries of the United States. The course emphasizes the intercultural dynamics in the formation of Chicano and Latino music which incorporates African, American, Native American, and European roots.

Offered Infrequent

CHS 195. Special Topics in Chicana/o Studies. (3 Units)

A study of an issue, concept or theme in Chicana/Chicano Studies. Three hours of lecture per week. Repeatable for a maximum of twelve units for credit.

Offered Infrequent

CHS 200. Introduction to Chicana/o and Latina/o History. (3 Units)

Explores the history and experiences of Chicanos/as and Latinas/as in the United States in the 19th and 20th Centuries and will explore the following themes: immigration, migration, labor, education, gender roles, and community organizations.

Offered Fall, Spring

CHS 205. Introduction to Chicana/o Literature. (3 Units)

An introduction to selected works of modern Chicano literature including an analysis of influences, themes, and techniques. Special attention given to certain issues of the Chicano/a experiences reflected in the literature. Frequent written assignments.

Offered Fall, Spring

CHS 210. Representation of Indigenous. (3 Units)

An introduction to the different forms on indigenous representation with special emphasis on Mesoamerica. Discussions of how these accounts are expressed, perceived, and constructed at the point of European contact will be examined.

Offered Infrequent

CHS 212. Introduction to Comparative Ethnic Studies. (3 Units)

The course will explore the lived experiences and gendered complexities of Ethnic/Global communities as they relate to historical and contemporary international and global forces. The course will examine the economic and socio-cultural dynamics of the global interdependencies of Indigenous, Latino, Asian-Pacific and African communities and women's lived experiences within and across these communities.

Offered Fall, Spring

CHS 216. Mexica Language and Culture. (3 Units)

Supervised work experience in a Chicano/Latino community with emphasis upon social and economic development in a local, national, or international setting. Students will be placed in settings suitable to their academic expertise.

Offered Infrequent

CHS 225. Mexican & Chicano Poetry & Mus. (3 Units)

An introduction to Mexican/Chicano poetry and music from the Spanish Conquest to the present. Students will learn to recognize boleros, sones, huapangos, mariachi, norteno, corridos, Tex-Mex, and oldies. The class is not designed for music majors.

Offered Infrequent

CHS 295. Spc Topics Chicana/o Stud. (3 Units)

A study of an issue, concept, or theme in Chicana/Chicano studies.

Repeatable for a maximum of six units for credit.

Offered Infrequent

CHS 300. Critical Issues in Chicana/Chicano Studies. (3 Units)

Prerequisites: ENG 110 or equivalent are required. CHS 100 or CHS 205 and CHS 200 or 212 are recommended. An exploration of the field of Chicana and Chicano Studies. Course will emphasize the changing constructions and interpretations of what comprises Chicana/o identities and cultures through an analysis of cultural, historical, political, psychological, and social issues. Enrollment priority will be given to Chicana/Chicano Studies majors and minors. This course fulfills a requirement in the Chicana/Chicano Studies major and minor, in addition to the GWAR.

Offered Fall, Spring

CHS 315. Changing Dynamics in Raza Comm. (3 Units)

Prerequisite: CHS 200 is recommended. Assesses the challenges confronting the Chicano community resulting from increased and diverse patterns of immigration, restricted occupational opportunities, and socio-political differences. Focus will be on urban issues from communities throughout the United States, including the Mexican/United States Border.

Offered Spring

CHS 323. Latina/o Perspectives on U.S. Immigration and Citizenship. (3 Units)

Seeks to understand some of the issues which concern Mexican/Latino immigrant people, specifically Mexican and Central American groups, in efforts to bring awareness to this human crisis and to explore some of its effects on U.S. Latino community.

Offered Fall, Spring, Summer

CHS 325. Chicana/o Movement. (3 Units)

A historical and comparative examination of the Chicana/o movement by examining the early pattern of Mexican immigration and the formation of mutual aids associations designed to defend their interests. The focus is on the period from 1960-1990.

Offered Spring

CHS 330. Latina/o Identities in U.S.. (3 Units)

Explores the social, cultural, and political experiences of Chincano/a and Latino/a communities in the United States, including Puerto Rican, Caribbean, and Central and South American peoples. The historical experiences of these diverse communities will be examined.

Offered Fall, Spring, Summer

CHS 335. Urban Youth Gangs in Los Angeles. (3 Units)

Provides an interdisciplinary perspective to the origins and evolution of youth groups (African Americans, Anglos, Asians, Chicana/os, and Pacific Islanders) in California. Class topics include definition of gangs; history of gangs; membership practices; and law enforcement responses.

Offered Infrequent

CHS 340. Native American and Chicana Women's Narrative. (3 Units)

Course explores contemporary cultural and historical narratives by and about Native American Chicana women in the U.S. Through poetry, short stories, and narratives the class will analyze the histories of colonial exploitation, historical memories, gender oppression, and marginalization.

Offered Fall, Spring

CHS 344. Chicana/o History I. (3 Units)

Mexican American life to 1900, stressing the evolution of economic and political thought, social institutions, and cultural experiences.

Offered Fall

CHS 345. Latina/o Identities in the Americas. (3 Units)

Explores the concept of Latina/o identity in the Americas from a literary perspective in different time periods and particular cultural societies. The study of certain intellectuals and their literary contributions will assist with comprehension of identity and socio-political reality.
Offered Fall, Spring, Summer

CHS 346. Chicana/o History II. (3 Units)

The Mexican American's contributions to the building of the Southwest; the clash between Mexicans and North Americans; the emergence of the urban Mexican American.
Offered Spring

CHS 372. Chicana/o Spiritualities and Healing Practices. (3 Units)

Examination of the diverse spiritual practices and decolonial methods of healing found in Mexican and Chicana/o/x traditions.
Offered All terms

CHS 375. Chicana/o Latina/o Body Politics. (3 Units)

Recommended Prerequisites: CHS 100, CHS 200, CHS 205, and CHS 212. An exploration of the interconnections between the physical body and politics, both current and historical, for Chicana/os and Latina/os. Students will examine issues such as public health, reproductive justice, ability, gender, and sexuality in Chicana/o Latina/o communities.
Offered All terms

CHS 395. Special Topics in Chicana/o Studies. (1-3 Units)

Prerequisite: Consent of instructor. Study of special topic of interest for students in the selected area of study. Topic and content will vary as announced.
Offered As needed

CHS 396. Practicum in Chicana/o Studies. (3 Units)

Prerequisite: Consent of Department Chair. This course is an introduction to theorists and methods under girding Chicana and Chicano Studies as these have been deployed in the writings by Chicana and Chicano authors during the past thirty years. The class will present theories and methods that inform intellectual issues in Chicana/o studies.
Offered As needed

CHS 400. Chicana/o Issues in Education. (3 Units)

An overview of the educational system in society - how it functions, whom it serves, and the cultural and theoretical explanations for the success and failure of Chicana/o students. Discussions include family values, teen pregnancy, language, gangs, etc.
Offered Fall

CHS 401. Theories and Methods in Chicana/o Studies. (3 Units)

Prerequisites: ENG 110 or equivalent; CHS 100 or CHS 205 and CHS 200 or CHS 212 or equivalent are required. Must be a Senior. Focuses on examining the various theories and methods utilized by Chicana/o scholars during the evolution of the discipline of Chicana/o Studies, exploring how these theories and methods have informed and continue to inform writing and research in Chicana/o Studies.
Offered Fall

CHS 410. Chicana/o Popular Culture. (3 Units)

An overview of the central areas of Chicana/o popular culture, focusing on film, mass media, art, theatre, and music. The course examines how concepts of culture, identity, and ethnicity are popularly expressed in a constant state of flux.
Offered Fall

CHS 436. Chicana/o Latina/o Politics. (3 Units)

Recommended Prerequisites: CHS 200 and CHS 323 Course examines the role of Chicana/o and Latina/o communities in shaping state and national politics in the United States, including contemporary modes of political organizations, political history, organizational strategies, electoral impact, public policy issues surrounding citizenship, and empowerment strategies.
Offered All terms

CHS 450. Precolumbian Lit of Mexico. (3 Units)

Prerequisite: CHS 300 recommended. The study of the literature of ancient Mexico, specifically the PopolVuh of the Maya and Aztec poetry, in order to obtain an insight into the Precolombian world view. Periodic essay exams.
Offered Infrequent

CHS 460. Las Chicanas. (3 Units)

Prerequisite: ENG 110 or equivalent is required. The study of the issues that Chicanas encounter in contemporary U.S. society. Includes a survey of remote and recent cultural, social, and political issues that have influenced the values, expectations, and roles of Chicanas.
Offered Fall, Spring

CHS 471. Mexican Thought, Social Activism and Political Ideology. (3 Units)

Prerequisite: CHS 100 is recommended. Examines the evolution of Mexico's modernistic state via its reformation and dictatorship of President Porfirio Diaz. It will investigate how revolutionary leaders banded together to dismantle the Porfirio regime, and how later Mexico's Government attempted to institutionalize the ideals of justice, freedom, and democracy.
Offered Fall

CHS 480. Chicana/o Folklore. (3 Units)

Prerequisite: CHS 300 recommended. An introduction to some of the basic theories and techniques in folklore studies, especially Mexican American. Folk art, music, oral literature, customs, philosophy, and belief systems will be examined for understanding groups of people.
Offered Fall, Spring

CHS 486. Chicana/o Family and Gender Issues. (3 Units)

Prerequisite: ENG 110 or equivalent is required. CHS lower division requirements or courses on previous women and gender are recommended. The course examines family and gender issues as they relate to the Chicana/o community in the United States. Topics will include Chicana/o family roles and structure, cultural values, experiences that influence and challenge families, gender roles and expectations.
Offered Fall

CHS 490. Senior Seminar in Chicana/o Studies. (3 Units)

Prerequisites: ENG 110 and CHS 401 are required. CHS 100 or CHS 205; CHS 200 or CHS 212; and CHS 300 are recommended. Seminar where students examine a particular topic or theme in the field of Chicana/o Studies. As the capstone course for the major, students undertake a major research paper.
Offered Fall, Spring

CHS 494. Independent Study. (1-3 Units)

Prerequisite: Consent of Program Director. Independent study of a particular topic in Chicana/Chicano Studies relating two or more disciplines, such as anthropology, art, education, history, language, music, politics, psychology, or sociology under the direction of an instructor in Chicana/Chicano Studies. Repeatable course.
Offered Fall, Spring

CHS 495. Spec Topic Chicano/Chicana St. (1-3 Units)

Prerequisite: Consent of Program Director. An intensive study of an issue, concept or theme in Chicana/Chicano Studies. Three hours of lecture per week. Repeatable for a maximum of six units for credit.

Offered Fall, Spring

CHS 496. Internship Chicana/o Studies. (3 Units)

Under direction of the internship faculty, students will work in a Chicano/Latino community, applying skills and knowledge learned in the classroom as well as the workplace. Repeatable course.

Offered As needed

CHS 497. Directed Reading. (1-3 Units)

Prerequisite: CHS 100 is recommended. Extensive reading in selected areas under the guidance of a faculty member.

Offered Fall, Spring

CHS 498. Directed Research in CHS. (1-3 Units)

The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered As needed

CHS 590. Grad Sem Theory & Methods. (3 Units)

Instruction in the basic principles of still photography. Two hours of lecture and three hours of laboratory per week.

Offered As needed

CHS 594. Independent Study. (1-4 Units)

Prerequisites: Consent of Department Chair. Independent investigation of a research problem or directed readings in a selected area of Chicano Studies.

Offered As needed

CHS 595. Special Topics:. (3 Units)

An intensive study of a concept, movement, school of thought, or individual within the discipline of Chicano Studies. Intended for students with senior or graduate standing. Specific topic listed in Class Schedule. Repeatable course. Three hours of seminar per week.

Offered As needed

CHS 596. Pract. in Teach Chicana/o Stud. (1-4 Units)

Supervised experience in teaching Chicana/o Studies. Techniques and skills appropriate to instruction at the college level. Instructional and evaluative experiences under supervision of Chicana/o Studies faculty.

Offered As needed

CHS 597. Directed Reading. (1-4 Units)

Extensive reading in selected areas under the guidance of a faculty mentor.

Offered As needed

CHS 598. Graduate Directed Research. (1-3 Units)

Independent research under direction of supervising faculty member in Chicana/o Studies.

Offered As needed

CHS 599. Final Project. (3 Units)

In consultation with a faculty member, writing of a master's thesis or completion of project. Choice of area requires prior consent of advisor.

Offered As needed

Child Development (CDV)

CDV 150. Intro Child Development. (3 Units)

Overview of physical, cognitive, social and emotional development from conception through the end of adolescence; theoretical advances in child development; individual and contextual contribution to developmental processes.

Offered Fall, Spring

CDV 180. Introduction to Observation and Assessment. (4 Units)

Prerequisites: CDV 150 required. Overview of and introduction to methods of studying children; the basic research paradigm; observational methods; ethical issues in the study of children; generation and interpretation of data. 1 unit of observations of children in different settings. Department consent required.

Offered Fall

CDV 225. Infant Development - FROZEN. (4 Units)

Prerequisites: Live Scan and current negative TB documentation. CDV 180. Development from conception through 2 years; changes through prenatal period; birth; development of attachment; infant care issues. 3 hours of lecture, 1 unit of observation in infant-care settings.

Offered Infrequent

CDV 240. Early Childhood Development and Curriculum. (4 Units)

Prerequisites: CDV 150. Examines developmentally appropriate curriculum and teaching strategies from 2 to 6 years of age. Connections between curriculum and children's physical, cognitive, social and emotional development are examined. Includes 1 unit of curriculum development activities.

Offered Spring

CDV 295. Special Topics in Child Development. (1-5 Units)

Prerequisite: CDV 150 is required. Contemporary topics of interest in Child Development.

Offered Fall, Spring

CDV 320. Mthd & Analysis in Child Study. (4 Units)

Prerequisites: CDV 150 and MAT 131 or MAT 132 or PSY 230 are required. Junior Standing is recommended. Various methods used to study children; quantitative and qualitative data; measurement issues; basic data analytic techniques. 3 hours lecture, 1 hour lab. A grade of C or better in this course fulfills the GVAR requirement for Child Development majors.

Offered Fall, Spring

CDV 325. Infancy and Early Childhood. (3 Units)

Prerequisite: CDV 150 is required. Provides an overview of physical, cognitive, social and emotional development from conception through 6 years.

Offered Fall, Spring

CDV 330. Schoolage Years. (3 Units)

Prerequisite: CDV 150 is required. Physical, cognitive, social and emotional development from 6 to 12 years. Emphasis on home, school, and community contexts and their interconnections; developmental analysis related to contemporary issues in areas of health and education.

Offered Fall, Spring

CDV 342. Advanced Observation and Assessment in Early Childhood. (3 Units)

Prerequisite: CDV 180 and CDV 240 are required. Observation and assessment methods in early childhood and their significance in guiding development and designing programs for children birth through 8 years.

Offered Spring

CDV 344. Supervision in Early Childhood Settings. (3 Units)

Prerequisites: CDV 180, CDV 240 and CDV 325 are required. Provides students with the methods and principles of supervising teachers, volunteers, student teachers, staff and other adults in early childhood education settings. An emphasis is placed on the development and role of early childhood professionals as mentors and leaders.
Offered Fall

CDV 360. Adolescence. (3 Units)

Prerequisite: CDV 150 is required. Physical, cognitive, social and emotional development from 12 to 20 years, focusing on developmentally unique changes at individual, interpersonal and social levels.
Offered Fall, Spring

CDV 363. Development in Diverse Contexts. (3 Units)

Prerequisites: CDV 320 CDV 325, CDV 330 and CDV 360. The development of the individual identity along multiple dimensions of age, gender and abilities in the contexts of class, culture, and ethnicity. Issues of hierarchies, the development of prejudice and discrimination at individual and institutional levels.
Offered Fall, Spring

CDV 366. Parenting. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330, and CDV 360 are required. The development of the parent-child relationship from birth through young adulthood. Changes in attachment, intimacy and distance; changing demands of parenting with developmental changes in children, parents and the family.
Offered Fall, Spring

CDV 370. Enhancing Early Language and Literacy I. (3 Units)

Prerequisite: Jumpstart Corp member and department consent. Examines early language, literacy, and multi-lingual development with an emphasis on environmental factors. Provides techniques for engaging children in language and literacy activities and opportunities for students to evaluate and reflect on their civic engagement. Course open to Jumpstart Corps members only. Department consent required.
Offered Spring

CDV 372. Scl Devpt Intrpsnl Reltns. (3 Units)

Prerequisites: CDV 225, CDV 240, CDV 330 and CDV 360. Study of social and emotional development from birth through adolescence; development of the self; temperament and emotion; attachment, peer, parent-child, and early romantic relationships; interpersonal skills and moral development.
Offered Infrequent

CDV 380. Stress, Risk, & Resilience. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330 and CDV 360 are required. Childhood stress is examined within a risk and resilience framework. Concepts and theories explaining developmental risk and the protective factors and intervention strategies that promote adaptive coping and adjustment in various contexts will be discussed.
Offered Fall, Spring

CDV 423. Chld Devpt Scl Policy. (3 Units)

Prerequisite: CDV 320, CDV 325, CDV 330, CDV 360, CDV 380 are required. Enduring issues related to children's development that have led to policy decisions; process of policy making; current issues that require policy decisions; evaluating the impact of policy on children and families.
Offered Fall, Spring

CDV 440. Immigrant Children and Families. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330 and CDV 360 are required. The process of immigration as an influential factor in development; changing ecologies and adaptation demands on individuals and families; informal and formal support structures.
Offered Fall, Spring

CDV 442. Marriage, Family, and Community. (3 Units)

Prerequisite: CDV 320, CDV 325 and CDV 330 and CDV 360 are required. Examines family structure, love, mate selection, marital communication, divorce, remarriage, gender roles, and domestic violence across diverse contexts with a special focus on the factors that enhance healthy family relationships and children's development.
Offered Fall, Spring

CDV 444. Language, Cognition, and Schooling. (3 Units)

Prerequisite: CDV 320, CDV 325, CDV 330, and CDV 360 Theoretical and empirical overview of cognitive and language development from birth through the end of adolescence; second language acquisition; interconnections between cognitive development, language development and schooling.
Offered Fall, Spring

CDV 450. Devpt in Poverty. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330, and CDV 360 Poverty as a unique context of development; developmental processes and child outcomes in poverty; family interactions and generation of coping mechanisms in the context of poverty; special needs of poor children
Offered Fall, Spring

CDV 490. Senior Seminar. (3 Units)

Prerequisites: 2.75 GPA, senior level standing, and department consent. Integration of knowledge about theories, empirical findings and practice in Child Development; emphasis on writing and presentation skills.
Offered Fall, Spring

CDV 492. Seminar in Child Development Research. (4 Units)

Prerequisite: Grade of B or better in CDV 320; 2.75 GPA and department consent are required. Provides students an opportunity to integrate knowledge about theories, empirical findings and research practices in child development. Students learn and apply research methods. An emphasis is placed on writing and presenting research reports for academic or non-academic audiences.
Offered Fall, Spring

CDV 494. Independent Study. (1-6 Units)

Prerequisites: Consent of instructor. Investigation of a single topic, chosen in consultation with a faculty member, culminating in a paper, presentation, or project. Repeatable course.
Offered Fall, Spring

CDV 495. Special Topics. (1-5 Units)

Prerequisites: Upper division standing. Contemporary topics of interest in Child Development. Repeatable course.
Offered As needed

CDV 496. Directed Field Experience. (4 Units)

Pre-requisite: Upper Division Standing, Department approval required. Must take Seminar and Supervision. Faculty supervised experience in any approved Child Development setting. Weekly seminar designed to facilitate the integration of Child Development knowledge and theory with students' fieldwork experience. students will examine and integrate personal and professional goals and values to gain an understanding of the self in a professional role. Each seminar provides an opportunity to share field experiences and problem solve.
Offered Fall, Spring

CDV 498. Directed Research. (1-6 Units)

Prerequisites: CDV 320 and consent of instructor are required. Project selected in consultation with a faculty supervisor and a plan made to implement the project; meetings held regularly. May be repeated to a maximum of 6 units.

Offered Fall, Spring

Clinical Science (CLS)

CLS 301. Intro Clin Lab Proced Lec. (2 Units)

Prerequisite: BIO 122 required. Demonstration and practice of specialized techniques used in the clinical setting. Theory of arterial, capillary and venipuncture including complications. Processing body fluids. Review of state/federal laws, biohazards and quality assurance. Oral and/or written reports/projects.

Offered Fall, Spring

CLS 302. Clinical Practice Lab. (1 Units)

Prerequisites: BIO 122; CLS 301 or concurrent enrollment required.

Practice in clinical laboratory techniques: phlebotomy; serum, plasma and whole blood preparation for testing; Minimum 90 hours training at a clinical affiliate under University Faculty supervision. Written report(s).

Offered Fall, Spring

CLS 303. Radiation Science. (3 Units)

Prerequisites: MAT 171 and HSC 201. Overview of radiation science: history, radiation physics, instrumentation, protection and safety. Applications to clinical procedures utilizing radionuclides. Problem solving.

Offered As needed

CLS 304. Introduction to Urinalysis and Body Fluids. (3 Units)

Prerequisite: BIO 122 and CHE 112 or equivalent is required. An introduction to the analysis of urine and body fluids used in the clinical setting. Discussion of the theory and diagnostic applications relative to the analysis of urine and body fluids. Demonstration of lab techniques with limited lab practice.

Offered Fall, Spring

CLS 305. Rad Biology & Protection. (1 Units)

Prerequisite: Admission to the clinical year. Modes of radioactive decay, photon radiation, interaction of radiation with matter, biologic effects of radiation, decontamination techniques, government regulations. Problem solving. Report writing. Oral and/or written reports/projects.

Offered As needed

CLS 306. Clin Immun & Immunochem. (4 Units)

Prerequisites: BIO 250; CLS 301 or concurrent enrollment required. Theory and practice of serologic techniques; nature of antigens, antibodies and the immune response. Genetics of red cell antigens. Pre-natal, neonatal, and pre transfusion testing. Cause, investigation and prevention of HDNB. Compatibility testing and investigation of transfusion reactions. Case studies. Written reports. Three hours of lecture and three hours of laboratory per week.

Offered Spring

CLS 307. Clinical Hematology. (4 Units)

Prerequisites: BIO 250; CLS 301 or concurrent enrollment required. The goal of this course is to provide the student with the basic theoretical foundation of Clinical Hematology relative to the scope of practice for an entry level Clinical Laboratory Scientist. The student will first focus on normal blood cell development (hematopoiesis), then normal cell function, leading into abnormal function and the pathogenesis of hematological disorders. The course emphasis is on recognition of normal and abnormal laboratory results and interpretation of clinical data used in the diagnostic process. The course is broken down into four main sections: starting with an overview of the clinical hematology laboratory and hematopoiesis; then erythropoiesis and disorders primarily involving red cells; followed by normal leukopoiesis, non-malignant leukocytes, and related disorders; and lastly the study of malignant leukocyte disorders and platelets. Students will describe and analyze the process of Hematopoiesis. Disciplinary writing will be employed to produce case studies, written reports and analyze theory of hematology procedures. Application of course concepts will be used to enumerate and identify blood cells. Emphasis will be placed on the identification and description of detection of abnormalities and on the demonstration of special equipment and techniques. The proposed Student Learning Outcomes (SLO) are as follows. 1. Demonstrate the ability to perform clinical diagnostic testing, evaluate outcomes, and generate a written report in order to solve problems related to pre-analytical, analytical, and post-analytical components of services in the clinical laboratory. 2. Employ health professional discourse and proper medical terminology to facilitate communication on laboratory findings pertaining to hematology. 3. Identify, read, and interpret published studies in clinical hematology in order to describe, evaluate, and report the clinical laboratory findings. 4. Identify and analyze the principles of hematology and generate written reports that address laboratory findings. 5. Communicate effectively about hematology across medical professions, including physician, nursing, and other specializations.

Offered Fall

CLS 308. Pathophys for Hlth Professions. (3 Units)

Prerequisite: BIO 250 and either BIO 251, CHE 112, or equivalent.

Principles of clinical pathophysiology, including assessment of clinical data necessary for identifying the causes of diseases and evaluating the underlying mechanisms of pathologic processes. Discussion of immune disorders, inflammation, neoplasia and genetic disorders. Review of the individual organ system and associated pathology. Case studies, written/ and or oral reports.

Offered All terms, Fall

CLS 401. Overview: Virology/Mycology. (2 Units)

Prerequisites: BIO 324 or concurrent enrollment; CLS 301 is recommended. Brief introduction to special pathogens for students preparing for the clinical virology and mycology rotations in the clinical laboratory.

Offered Spring

CLS 410. Nml: Imaging Techniques. (5-6 Units)

Prerequisite: Admission to the clinical year. Use of nuclear medicine equipment in a clinical setting to visualize organs, determine function of organs and organ systems.

Offered As needed

CLS 411. Nml: Radiopharm/Assay. (4 Units)

Prerequisite: Admission to the clinical year. Preparation of radionuclides for administration in diagnostic testing including radio- chemical purity, quantitative assay and sterility. Radioassay techniques: calibration and use of instruments, specimen collection. Quality assurance.

Offered As needed

CLS 412. Nml: Instru/In Vivo. (4 Units)

Prerequisite: Admission to the clinical year. Performance of procedures utilizing radionuclides for in-vivo studies. Instrument calibration, preventive maintenance. Computer applications.
Offered As needed

CLS 413. Nml: Special Studies. (2 Units)

Prerequisite: Admission to the clinical year. Practicum in special studies of interest related to nuclear medicine. Project and written report.
Repeatable course.
Offered As needed

CLS 420. Cnm: Imaging Techniques. (3 Units)

Prerequisite: Admission to the clinical year. Principles of stationary and moving imaging with correlations to pathophysiology in human organs and systems.
Offered As needed

CLS 421. Cnm: Radiopharm/Assay. (2 Units)

Prerequisite: Admission to the clinical year. Theory of radiopharmaceutical applications: radionuclides, dose calibration. Principles of saturation analysis and competitive protein binding, correlations of biochemistry, pathophysiology, radioassay techniques, principles and applications to individual techniques. Quality assurance.
Offered As needed

CLS 422. Cnm: Instru/In Vivo Tech. (2 Units)

Prerequisite: Admission to the clinical year. Instrumentation including Geiger-Mueller tubes, rectilinear scanners, scintillation spectrometers and gamma cameras. In-vivo techniques including Schilling test, blood volume, time dependent studies, erythrokinetics, gastrointestinal loss studies.
Offered As needed

CLS 423. Cnm: Special Studies. (1 Units)

Prerequisite: Admission to the clinical year. Special studies including ultrasound, radiotherapy and nuclear magnetic resonance. Repeatable course.
Offered As needed

CLS 430. Clin Micro Lab. (3-4 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in medical microbiology including parasitology, mycology, and bacteriology at a clinical affiliate. Oral and/or written reports/projects.
Offered Fall

CLS 431. Clin Chemistry Lab. (3-4 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in chemistry at a clinical affiliate. Oral and/or written reports/projects.
Offered Fall

CLS 432. Clin Hem/Urinalysis Lab. (4 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in hematology and urinalysis at a clinical affiliate. Oral and/or written reports/projects.
Offered Spring

CLS 433. Clin Immunochem/Sero Lab. (3 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in serology, immunology and blood banking at a clinical affiliate. Oral and/or written reports/projects.
Offered Spring

CLS 434. Clin Special Proc Lab. (1 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in special procedures at a clinical affiliate. Oral and/or written reports/projects. Repeatable course.
Offered Spring

CLS 440. Correl Clin Micro. (2 Units)

Prerequisite: Admission to the clinical year. Theory and correlations of pathophysiology in medical microbiology including mycology, parasitology and bacteriology.
Offered Spring

CLS 441. Correl Clin Chem. (2 Units)

Prerequisite: Admission to the clinical year. Theory and practical aspects correlating clinical chemistry with pathophysiology.
Offered Spring

CLS 442. Correl Clin Hem-Urinalysis. (2 Units)

Prerequisite: Admission to the clinical year. Theory and practical applications correlating hematology and urinalysis to pathophysiology.
Offered Fall

CLS 443. Correl Clin Immunochem-Sero. (2 Units)

Prerequisite: Admission to the clinical year. Theory and practical applications correlating serology, immunology and blood banking to pathophysiology.
Offered Fall

CLS 450. Micro: Fem Genit Tract. (4 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes from the female genital tract, including microbiology, hormonal effects and response to therapy.
Offered Fall

CLS 451. Micro: Resp & Gi Tract. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes from the respiratory and gastrointestinal tracts.
Offered Fall

CLS 452. Micro: Gu Tract/Body Cav Fluid. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes of the genitourinary system and body cavity fluids.
Offered Fall

CLS 453. Micro: Fine Needle Aspir. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes in aspirated material.
Offered Spring

CLS 454. Micro: Systems Overview. (4 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Cytologic examination of gynecologic and non-gynecologic material from all body sites for diagnostic purposes.
Offered Spring

CLS 455. Cytologic Preparation. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Current methods of processing and staining material for cytologic study. Techniques utilized in obtaining non-gynecologic material for cytologic evaluation.
Offered Spring

CLS 460. General Cytology. (3 Units)

Prerequisite: Admission to the clinical year in cytotechnology. General cytology, cytogenetics, and electron microscopy. Basic principles of pathology and cytology as they apply to malignancy. Anatomy, histology, pathology and cytopathology of the female genital tract, including microbiology, hormonal effects and response to therapy.
Offered Fall

CLS 461. Cyto Res & Gi Tract. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Normal and abnormal cytology of the respiratory and gastrointestinal tracts with emphasis on anatomical and histological pathology.
Offered Spring

CLS 462. Cyto Gu Body C Fluids. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Normal and abnormal cytology of the genitourinary system and body cavity fluids with emphasis on anatomical and histological pathology.
Offered Spring

CLS 463. Fine Needle Aspirat Cytol. (1 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Normal and abnormal aspiration cytology of the major organs with emphasis on anatomical and histological pathologies.
Offered Spring

CLS 490. Seminar In Clinical Sciences. (1 Units)

Prerequisites: CLS 301 and CLS 306 required; and all lower division Clinical Science Program required. Presentation and discussion of pertinent topics from clinical science trade journals. Written and oral presentations. One hour of seminar per week.
Offered As needed

CLS 491. Management Skills in Clinical Sciences. (3 Units)

Prerequisites: Admission to Clinical Internship; CLS 301 is recommended. Discussion of current and emerging theories, concepts and trends relevant to the management of clinical laboratories, including compliance, professional development, training and educational methodologies. Student projects, written and oral reports are required.
Offered All terms, Spring

CLS 492. Research Methods in Clinical Science. (3 Units)

Prerequisite: Admission to Clinical Internship; MAT 131 is recommended. Overview of relevant theoretical concepts, methods and applications utilized in clinical science research. Application of research methods to the development and design of research proposal. Critical analysis of literature review, data, and published research studies in clinical sciences.
Offered All terms, Fall

CLS 494. Independent Study in Clinical Science. (1-3 Units)

Course of study designed cooperatively by student and instructor to accomplish individualized learning objectives that are appropriate to the clinical laboratory. Consent of instructor required. CR/NC grading.
Offered Fall, Spring

CLS 501. Clinical Sciences: Team Concept. (3 Units)

Prerequisite: HEA 201. Analysis of the current status and problems in health care delivery including management, staffing and health economics; development of a realistic model. Role of allied health professionals in health care delivery; scientific medicine vs. holistic health; prevention and health education. Coordination of the clinical sciences into an effective health care team. To successfully complete this class, students must demonstrate proficiency to the satisfaction of the instructor in oral and written communication skills in the English language. Oral and/or written reports/projects.
Offered As needed

CLS 502. Management Concepts in the Clinical Sciences. (3 Units)

Prerequisite: HEA 201. Managerial function, organization, and structure. A pragmatic approach to the strategies and tactics available to the professional manager. Special projects in work sampling, workload recording and time management for health care professionals. Oral and/or written reports/projects.
Offered As needed

CLS 503. Clinical Diagnosis. (3 Units)

By use of case studies, interpretation of clinical data, correlation of history and physical to diagnosis, treatment and follow-up protocols. Student case study investigation. Two hours of lecture and two hours of activity per week.
Offered As needed

CLS 504. Data Collect & Process. (3 Units)

Prerequisite: CSC 111 or equivalent. Collection, storage and retrieval of data, with emphasis on clinical applications. Modern information systems and evaluation of such systems from the clinical science management view point. Oral and/or written reports/projects. Two hours of lecture and two hours of activity per week.
Offered As needed

CLS 505. Stat Analysis & Research. (3 Units)

Prerequisite: MAT 131. Application of statistical analysis in the clinical and health sciences, including normal and binomial distribution, t-tests, chi square tests, analysis of variance, linear regression and correlation. Student project required. Two hours of lecture and two hours of activity per week.
Offered As needed

CLS 590. Graduate Seminar. (1-2 Units)

Prerequisites: CLS 501, CLS 502 and CLS 503 or consent of instructor. Seminar methods and use of the literature in the clinical sciences. Faculty and student directed discussions of contemporary clinical science issues. Participants present and interpret recent publications. Written abstracts. Repeatable up to 6 units. One hour of seminar per week.
Offered As needed

CLS 594. Ind Study In Clin Sci. (1-3 Units)

Prerequisite: Consent of instructor and advisor. Independent and original laboratory or field investigation under supervision of a faculty member.
Offered As needed

CLS 595. Special Top:. (1-3 Units)

Prerequisite: Health Care Practitioner. Advanced topics of special interest to Clinical Science majors possessing health care credentials. Topic and content will vary as announced.
Offered As needed

CLS 596. Internship. (1-6 Units)

Prerequisite: Graduate standing; CLS 501 and 502 recommended. Students will be directed to health care facilities to serve as interns within their chosen specialization. Teaching opportunities may be available in a variety of settings. Regular meetings are scheduled with a faculty internship supervisor to assess student progress. Written report required. Course designed for graduate students in the Clinical Sciences. Repeatable course.
Offered As needed

CLS 599. Grad Capstone Activity. (1-3 Units)

Prerequisites: Graduate Writing Assessment Requirement; advancement to candidacy, and completion of all required core courses. Department approval of advisor and project. Students will choose either a thesis, project or comprehensive examination in consultation with their advisor. Offered As needed

CLS 600. Grad Continuation Course. (1 Units)

Graduate students who have completed course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required. Offered Fall, Spring

Communication Sciences and Disorders (CSD)

CSD 341. Communication Sciences and Disorders. (3 Units)

Overview of normal and disordered communication, including speech, language, hearing, and swallowing impairments. Educational and clinical requirements for entry into the speech pathology profession. Introduction to the Code of Ethics of the American Speech, Language, Hearing Association (ASHA). Offered Fall

CSD 342. Phonetics. (3 Units)

Study of the physical and physiological bases of speech, the articulatory, acoustic and linguistic aspects of the sound system of standard and non-standard dialects of American English. Practice using the International Phonetic Alphabet (IPA) for broad and narrow transcription. Offered Fall

CSD 343. Speech and Language Development. (3 Units)

Study of the acquisition of phonology, morphology, semantics, syntax and pragmatics in typically developing children. Includes the biological, cognitive, and social bases of language acquisition, theories of language acquisition and an introduction to the acquisition of first and second languages. Offered Spring

CSD 354. Anatomy and Physiology of the Speech and Swallowing Mechanism. (3 Units)

Study of the anatomy and physiology of the speech and swallowing mechanism. The processes of respiration, phonation, resonance, articulation, and swallowing are included. An introduction to the central nervous system and the peripheral nervous system is provided. Offered Spring

CSD 355. Audiology and Audiometry. (3 Units)

Anatomy and physiology of the outer, middle, and inner ear and the central auditory processing system. Characteristics of hearing disorders including etiologies and risk factors. Methods and procedures used in assessing the auditory system and management of hearing disorders. Offered As needed

CSD 356. Clinical Methods and Procedures. (3 Units)

Introduction to general principles and procedures for assessment and treatment of individuals with communicative disorders. Basic concepts of standardized and non-standardized evaluation procedures for children and adults. Theory and application of clinical writing. Multicultural considerations will be addressed. Offered As needed

CSD 441. Speech Science. (3 Units)

Structure and function of neuromuscular systems used in respiration, phonation, and resonance-articulation. Introduction to the psychological and acoustic aspects of speech production and perception. Students are introduced to instrumentation for acoustic and perceptual analysis of speech. Offered Fall

CSD 442. Neurology and Neurogenic Disorders. (3 Units)

Anatomy and physiology of the nervous system as they relate to speech, language, hearing and swallowing. Clinical characteristics of neurogenic language disorders, apraxia of speech and dysarthria. Contemporary approaches to assessment and treatment. Disorders will be discussed across the lifespan. Offered Fall

CSD 443. Disorders of Articulation and Phonology. (3 Units)

Examination of theories of normal and disordered acquisition of phonology and articulatory production. Includes phonologic assessment methods, practice in analysis of child speech samples, and contemporary approaches to intervention. Emphasis on speech profiles of special populations. Offered Spring

CSD 454. Childhood Language Disorders. (3 Units)

Analysis of components of language and how they relate to language disorders in children. Involves multiple diagnostic categories for language impairment, risk factors for language impairment, methods of prevention, assessment and clinical management. Emphasis on linguistic and cultural diversity. Offered Spring

CSD 455. Disorders of Voice and Fluency. (3 Units)

Etiology, assessment, and therapy for disturbances in fluency of speech with emphasis on psychological, physiological, and linguistic variables correlated to dysfluent behaviors. Etiology, characteristics, clinical assessment and therapeutic management of functional and organic voice disorders throughout the lifespan. Offered Spring

CSD 456. Aural Rehabilitation. (3 Units)

Nature of hearing impairment and impact on communicative function in children and adults. Theories and delivery methodologies for speech reading, hearing aid use, counseling, assessment and remediation of speech and language skills, auditory training, and educational placement for children. Offered As needed

CSD 495. Special Topics in Communication Sciences and Disorders. (1-3 Units)

Prerequisite: Consent of instructor. Advanced course of special interest for students in the selected area of study. Topic and content will vary as announced. Offered Fall, Spring, Summer

Communications (COM)

COM 100. Media & Society. (3 Units)

A critical overview of media culture including newspapers, magazines, film, radio, television, popular music, advertising, public relations, and the Internet. Focuses on building critical media literacy skills by developing a concrete understanding of media history, media analysis, the structure of media industries and their major players and products. Offered Fall, Spring, All terms

COM 105. Introduction to Media Criticism. (3 Units)

Develops the analytical tools required for critical understanding of media culture. Investigates relationships between institutions, texts, audience practices and technologies in order to build a foundation for informed media engagement, criticism and analysis in the 21st century.
Offered Fall

COM 106. Digital Toolkit. (2 Units)

Co-requisite: COM 107 is required. Introduction to the foundational and emerging tools, platforms, and digital skills essential for students interested in pursuing careers in any communications or related field, including word processing, data management, presentational, media content creation, web publishing and design/editing software and programs.
Offered Fall, Spring

COM 107. Digital Toolkit Lab. (1 Units)

Co-requisite: COM 106 is required. Provides practice in the foundational and emerging tools, platforms, and digital skills essential for students interested in pursuing careers in any communications or related field, including word processing, data management, presentational, media content creation, web publishing, and design/editing software and programs.
Offered Fall, Spring

COM 110. Introduction to Digital Media Production. (2 Units)

Co-requisite: COM 111 is required. An introduction to the process of digital video production that provides basic skills in all areas of digital video production in preparation for a career in any communications or related field that might require these basic skills. Skill sets include camera, lighting, sound, pre-production and production methodologies, and basic digital processes.
Offered Fall, Spring

COM 111. Introduction to Digital Media Production Laboratory. (1 Units)

Co-requisite: COM 110 is required. Provides instruction on basic skills in all areas of digital video production. The lab provides hands-on training in the use of camera operations, lighting, sound recording, pre-production, production and post-production methodologies, and basic digital processes.
Offered Fall, Spring

COM 130. Introduction to Film. (3 Units)

An introduction to the study of film as an aesthetic, historical, and cultural phenomenon, and to various methods of critical analysis.
Offered Fall, Spring

COM 200. Genre Analysis. (3 Units)

Prerequisites: COM 100 or COM 105 is required. Critical study of a specific genre of media (horror, science fiction, western, or documentary for example). Examines genres in their cultural and historical context and critical analysis writing using appropriate concepts and terminology.
Offered All terms, Fall, Spring

COM 206. Photojournalism. (3 Units)

Instruction in the basic principles of still photography.
Offered Infrequent, All terms

COM 250. Writing for the Media. (3 Units)

Instruction and practice in the basics of reporting and writing news for print, electronic and digital media.
Offered Fall, Spring, Summer, All terms

COM 251. Newswriting in Spanish. (3 Units)

Prerequisites: SPA 220 and SPA 221; or SPA 280 are required. Instruction and practice of the basics of reporting in Spanish language for traditional and new media. Students will gain the ability to conduct research, find sources and produce news in Spanish.
Offered Fall, Spring, Summer

COM 301. News and Information Literacy. (3 Units)

Develop critical thinking and literacy skills through examination of news and other constructed messages. Emphasis on analyzing and evaluating information sources and their narratives, structures, origins, placement and availability.
Offered Fall, Spring

COM 302. Law Of The Mass Media. (3 Units)

Libel law, right to privacy, contempt of court, copyright, the right to print news of public affairs, the Freedom of Information Act, and other legal topics of concern to the media professional.
Offered Fall, Spring

COM 307. History of Film. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of film from the 1890s to the present. Covers a range of cinematic traditions from narrative to experimental. Examines the interrelationships between cinematic forms, industry, regulation, technology, aesthetics, and culture.
Offered Spring

COM 308. Television History. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of American television, from the 1940s to the present. Examines the interrelationships between programming forms, industry, regulation, technology, aesthetics, and culture.
Offered Fall

COM 309. History of Emerging Media. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of new and emerging media forms from 1830s to the present. Examines a range of media technologies as sites of contestation and negotiation before their use by audiences had been institutionalized within industry and culture.
Offered Fall, Spring

COM 311. Persuasion. (3 Units)

Prerequisite: COM 100 is required. Provides students with an in-depth understanding of persuasion conceptions, theories, and practices. Students analyze findings and implications of persuasion research to real-world cases.
Offered Infrequent

COM 314. Broadcast Journalism. (2 Units)

Prerequisite: COM 250 is required. Co-requisite: COM 315 is required. Provide students with accurate news judgement and the fundamental journalistic techniques of news gathering, reporting, writing, editing, evaluating, and producing news and feature stories for radio and television news broadcasts.
Offered Fall

COM 315. Broadcast Journalism Lab. (1 Units)

Prerequisite: COM 250 is required. Co-requisite: COM 314 is required. Provide students with accurate news judgement and the fundamental journalistic techniques of news gathering, reporting, writing, editing, evaluating, and producing news and feature stories for radio and television news broadcasts.
Offered Fall

COM 320. Sports Journalism. (3 Units)

Prerequisite: COM 250 is required. Provides instruction and practice in reporting stories and producing multimedia news packages on a variety of sports topics including game coverage, interviewing, and reporting on both professional and amateur sports activities for print, broadcast, and online media.

Offered Fall

COM 328. Entertainment and Lifestyle Journalism. (3 Units)

Prerequisites: COM 250 is required. Theory and practices of journalistic writing about television, film, music, visual arts, travel destinations, dining and other cultural phenomena across media platforms.

Offered Spring

COM 330. Emerging Media Writing. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 106 are required. Course focuses on writing interactive stories for emerging media. Students develop skills in generating concepts, story structure, character development, incorporating interactivity and pitching. Students conduct both collaborative and individual projects and develop skills for peer critique of creative work.

Offered Spring

COM 331. Screenwriting I. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Serves as an introduction to the craft of screenwriting, with primary focus on equipping students with the skills to write scenes and short format screenplays and to analyze and evaluate feature films and screenplays.

Offered Fall, Spring

COM 332. Writing for Series Television. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Students break down the TV-writing process then apply each step to the development of their own original script. Students will learn the basic theory and formal aspects of story structure, character development, the use of conflict, scene writing and dialogue for television.

Offered Fall

COM 333. Digital Journalism. (2 Units)

Prerequisites: COM 110 and COM 250 are required. Co-requisites: COM 334 is required. Provides students with skills needed to gather news, analyze and produce a variety of stories for digital media across platforms and digital publishing tools, including social media, podcasts, blogs, videos, and websites, as well as to understand the nature of the emerging field of convergent journalism.

Offered Fall, Spring

COM 334. Digital Journalism Laboratory. (1 Units)

Prerequisites: COM 110 and COM 250 are required. Co-requisite: COM 333 is required. Provides skills needed to gather, analyze and produce a variety of stories for digital media, across platforms and digital publishing tools, including social media, podcasts, blogs, videos, and websites, and understand the emerging field of convergent journalism.

Offered Spring

COM 338. Cross-Cultural Journalism. (3 Units)

Prerequisite: COM 250 is required. Provides a broad, critical examination of differences in global news culture, policies and styles, including Spanish-language, alternative, ethnic-focused, and political-driven media, and other cultural print and broadcast organizations. Topics vary by semester.

Offered Fall, Spring

COM 339. Latinx culture and the news media in the USA. (3 Units)

This course offers an overview of contemporary Latinx news media in the U.S. For a deeper understanding of the topics reported in the LatinX new media, students will learn about the countries that comprise Latin America. This includes Latin American history and culture. The course will highlight current events in Latin America and how they connect with Latinx communities in the U.S.

COM 340. Emerging Media Making. (2 Units)

Prerequisites: COM 100 or COM 105; and COM 106/107 are required.

Co-requisite: COM 341 is required. Students utilize digital software to produce original new media projects, including memes, pixel art, music, interactive fiction and/or digital games. Students conduct both collaborative and individual projects and develop skills for peer critique of creative work.

Offered Infrequent

COM 341. Emerging Media Making Lab. (1 Units)

Prerequisites: COM 100 or COM 105; and COM 106/17 are required.

Corequisite: COM 340 is required. Lab activity works in conjunction with COM 340: Emerging Media Making to give students hands-on time with production software under instructor supervision.

Offered Infrequent

COM 342. Advertising Strategy and Copywriting. (3 Units)

Planning, creating and preparing demographically and psychographically targeted advertisements for print, electronic, interactive, and out-of-home media. Students will write copy for commercial and not-for-profit advertising campaigns. Restricted to majors

Offered Fall, Spring

COM 344. Advertising Media Analysis. (3 Units)

Analysis of the comparative advantages (cost and market impact) of various advertising media as a basis for time and space buying within the context of the creative advertising campaign with an emphasis on campaign planning and implementation.

Offered Fall, Spring

COM 346. News Gathering & Reporting. (3 Units)

Prerequisites: COM 250. Theory and practice of information gathering for print and electronic media writing, including the art of interviewing. Identification, assessing and verifying published, computerized data base and live sources. Special emphasis on interview problems such as invalid inference and supposition.

Offered Fall, Spring

COM 347. Multimedia Interviewing Practices. (3 Units)

Prerequisites: COM 100, COM 110 and COM 250 are required. An introduction to the fundamentals of gathering information through interview techniques, active listening, nonverbal communication, and psychological dynamics of interviewing in journalistic situations.

Emphasis on accurate note taking, transcribing, and narrative structure from interviewing for print, online, and broadcast media.

Offered Fall, Spring

COM 348. News Editing And Design. (3 Units)

Prerequisites: COM 250. Principles, practice in copy editing, including review of grammar, spelling, punctuation, word use, organization, word flow, sentences, information verification, application of appropriate story forms; writing headlines, photo cropping and sizing, computer desktop page design and editorial judgment. One hour lecture, two hours activity per week.

Offered Infrequent

COM 350. Culture, Gender and Strategic Communication. (3 Units)

Prerequisite: COM 100 is required. Improve the understanding of cultural differences and assumptions regarding gender in the context of strategic communication. An overview of major communication theories, strategies, methods, and practices in advertising and public relations campaigns will be covered. Develop advertising skills and public relations messages based on cultural aspects in strategic communication. Offered All terms, Fall, Spring

COM 352. Feature And Critical Writing. (3 Units)

Prerequisites: COM 250. Analysis and practice of preparing feature stories and critical reviews for newspapers, magazines, radio, television and video. Assignments include profiles, how-to pieces and news features. Critical reviews focus on theatre, film, music, fine arts and books. Two hours lecture, two hours activity per week. Offered Fall, All terms

COM 355. News Production Workshop. (3 Units)

Prerequisites: COM 250 is required, COM 346 is recommended. Production of print and electronic forms of campus newspaper. Practices include original story selection, writing, reporting, interviewing, and editing. Repeatable course. Two hours lecture, three hours activity per week. Offered Fall, Spring

COM 358. Communications Graphics. (3 Units)

Prerequisites: COM 250. Learning methods for producing various forms of visual communications including fliers, informational graphics and logos, newsletters, magazines and newspapers in correlation with desktop publishing, page design, typography selection, copy fitting photo sizing and cropping. Two hours lecture, two hours activity per week. Offered Infrequent

COM 360. Pub Affairs & Edit. Writing. (3 Units)

Prerequisites: COM 250 and COM 346. Reporting, writing and editorial interpretation of public affairs events and issues, including on-site coverage of local governments, civic affairs, schools, police and courts. Utilization of public documents, enhancement of interviewing techniques, with emphasis on accuracy, clarity and social responsibility. Two hours lecture and two hours activity per week. Offered Infrequent

COM 363. Social Media Strategies. (3 Units)

Prerequisites: COM 250 and COM 365 are required. Provides an overview of various social media techniques and the strategies to help organizations engage in dialogue and build relationships effectively with different audiences and stakeholders. Offered Spring

COM 365. Introduction to Public Relations. (3 Units)

Public relations practices and principles as applied to government, education and industry. Offered Fall, Spring

COM 366. Public Relations Writing. (2 Units)

Prerequisites: COM 250 and COM 365. Co-requisite: COM 367 is required. Public relations writing; message and audience analysis. Creating effective forms of public relations communications, producing print and video press releases, public service announcements, media fact sheets and alerts, executive letters, press kits and brochures and newsletter copy. Two hours lecture, two hours activity per week. Offered Fall, Spring

COM 367. Public Relations Writing Lab. (1 Units)

Prerequisites: COM 250 and COM 365 are required. Co-requisite: COM 366 is required. Public Relations writing laboratory course that covers the creation of effective forms of public relations communications; the production of print and video press releases, public service announcements, media fact sheet ans alerts, executive letters, press kits and brochures, and newsletter copy. Offered Fall, Spring

COM 368. Investigative Reporting. (3 Units)

Prerequisite: COM 250 is required. Prepares students to conduct in-depth reporting by examining the motivation, process, and skills behind investigative journalism, including obtaining and analyzing public records, private documents and data on social, political, and scientific issues for print, broadcast or online media. Offered Fall

COM 370. Creative Producing I. (3 Units)

Prerequisites: COM 100 or 105, COM 379, and COM 330, COM 331 or COM 332 are required. Builds on students' understanding of storytelling and the industry to provide an introduction to script development and writing coverage. Students study the basics of packaging films for Hollywood and how to navigate the business of both studio production and independent film-making. Offered Fall, Spring

COM 372. Crisis Communication. (3 Units)

Prerequisites: COM 250 and COM 365 are required. An introduction to crisis communication theory and application. The course will cover crisis communication theory, crisis management strategies and various case studies. Offered All terms, Fall

COM 375. Media and Representation. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Critical study of US media representations of race, gender, class, sexuality, and other markers of difference. Considers the complex social, historical, and industrial forces shaping media portrayals of identities, groups, and cultures. Offered Fall, Spring

COM 376. Transmedia Storytelling. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 379 are required. Provides an overview of the transmedia landscape and developing skills necessary for writing stories intended for use across multiple platforms. Topics include how stories are developed for cross media consumption from story ideation to production and distribution. Offered Fall

COM 377. Global Media. (3 Units)

Prerequisites: COM 100 or COM 105; and COM 379 are required. Critical study of media outside of the US; may focus on a transnational, national, regional, or local media tradition or industry. Considers how global media relates to history, culture, and identity. Focuses on critical analysis writing using appropriate concepts and terminology. Offered Spring

COM 378. Media Audiences. (3 Units)

Prerequisite: Prerequisites: COM 100 or COM 105 is required. Critical study of a specific media audience (comic book fans, social media users, telenova viewers, for example). Examines audiences in cultural and historical context, considering the range of ways in which audiences make meaning from and engage with media texts. Offered Fall

COM 379. Media Industries. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Analyzes contemporary media industries offering a comprehensive overview of how the industries work, their historical roots in relation to how they operate today, and their cultural influence. Examines how the relationships between various cultural, industrial, regulatory, and economic elements set the conditions by which media industries create cultural texts.

Offered Fall, Spring

COM 388. Digital Magazine Production. (1 Units)

Prerequisites: COM 250, COM 347 and COM 352 are required. Co-requisite: COM 389 is required. This course is designed to build skills in advanced feature storytelling through the production of a digital magazine for distribution across digital platforms. From conception to production, feature story packages and will be developed with a strong focus on research, writing, editing, photography, creating videos and podcasts, and design.

Offered Spring

COM 389. Digital Magazine Production Laboratory. (2 Units)

Prerequisites: COM 250 and COM 352 are required. Co-requisite: COM 388 is required. This course is designed to build skills in advanced feature storytelling through the production of a digital magazine for distribution across digital platforms. From conception to production, feature story packages and will be developed with a strong focus on research, writing, editing, photography, creating videos and podcasts, and design.

Offered Spring

COM 390. Hollywood by the Horns. (3 Units)

Prerequisites: COM 100 or COM 105; and COM 379 are required.

Workshop that contributes to the mission of the Hollywood by the Horns program: to build up and maintain the relationship between working professionals in Hollywood and the dynamic students of CSU Dominguez Hills. Requires department consent.

Offered Fall

COM 400. Media Analysis and Research Methods. (3 Units)

Prerequisites: COM 100 and COM 250. Critical analyses of the media and their role in society from an empirical research perspective. Emphasis on social science-based research methods including focus groups, in-depth interviews, correlational studies and experiments, and research report preparation.

Offered Fall, Spring

COM 420. Screenwriting II. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 331 are required. Advancing the process of screenwriting, students develop original work culminating in the completion of the first act of a feature length screenplay. Final projects can be developed into a senior project for COM 490.

Offered Infrequent

COM 435. Media Psychology. (3 Units)

Prerequisite: COM 100 is required. Course is designed to acquaint students with the burgeoning field of media psychology, which examines the intersection of media use/media content and psychological processes. In this course, students will learn how mass media messages, images, and texts can alter our thoughts, feelings, and behaviors, and how media and technology use may lead to or exacerbate psychological disorders.

Offered Spring

COM 467. Integrated Communications Management. (3 Units)

Prerequisites: COM 250, COM 365 and COM 366 are required. Analysis and development of strategies for planning/implementing integrated communications campaigns and preventing/solving integrated communications problems. Emphasis is placed on both individual and team case studies, incorporating strategic planning and writing techniques previously learned.

Offered Fall, Spring

COM 470. Creative Producing II. (3 Units)

Prerequisites: COM 100 or COM 105, COM 370, and COM 330, COM 331, or COM 332 are required. Develops students' knowledge of producing scripted entertainment from development through distribution. Students will complete advanced work in screenplay development and the multiple pathways to producing.

Offered Infrequent

COM 490. Senior Project. (3 Units)

Prerequisite: Consent of department; senior standing. Discussion and preparation of senior project and professional portfolio.

Offered Fall, Spring

COM 494. Independent Study. (1-3 Units)

Independent study in any relevant subject area under the direction of a member of the Communications Department faculty. Course repeatable 3 times for a maximum of 9 units.

Offered Fall, Spring

COM 495. Special Topics. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Restricted to seniors or by consent of department. An intensive study of an issue or concept in journalism, advertising, public relations, film, television or emerging media that is of special interest to both the faculty member and the students. Repeatable for credit

Offered As needed

COM 496. Internship In Communications. (3 Units)

Prerequisites: Senior standing and/or approval of the department is required; completion of a minimum of 27 upper division units in the major is recommended. Directed work experience in the communications field-print or electronic journalism, public relations or advertising, film, broadcasting, or telecommunications. Ideally, such work provides a practical bridge linking the student's academic studies with the world of work. A minimum of 10 hours a week of supervised work experience under the direction of a professionally-qualified mentor.

Offered Fall, Spring

Computer Information Systems (CIS)

CIS 270. Info Sys/Tech Fundamentals. (3 Units)

Provides an introduction to information technology, systems concepts, and application software. Covers system components and relationships, cost/value and quality of information, and package software solutions. Includes basic skills related to operating systems, word processing, spreadsheet software, and the Internet.

Offered Fall, Spring, Summer

CIS 272. Business Programming I. (3 Units)

Prerequisite: CIS 270 or CSC 111 or CSC 121 may be taken concurrently. Provides an understanding of algorithm development, programming, computer concepts and the design and application of data and file structure. Topics include file processing, data analysis, form design, and report generation.

Offered Fall, Spring, All terms

CIS 275. Internet Literacy. (3 Units)

Digital skills and concepts needed for success in the Internet era as a student, professional, and lifelong learner. Concepts pertaining to Internet technology and applications, their implications for key relationships of humankind to the social and physical environment. Skills using and developing Internet applications in everyday life.

Offered Fall, Spring

CIS 276. Personal Product with IS Tech. (3 Units)

Prerequisite: CIS 270. Enables student to improve their skills as knowledge workers through effective and efficient use of productivity software. Covers advanced features of word processing, spreadsheet, presentation, database, and groupware, including applications development.

Offered Infrequent

CIS 370. Info Sys Theory and Practice. (3 Units)

Prerequisite: CIS 270 or CSC 111 or CSC 121. Provides an introduction to organizational systems, planning, and decision process, and how information is used for decision support in organization. Covers the concepts of information systems for competitive advantage, data as a resource, quality control and reengineering, management and development of systems, and end-user computing.

Offered Fall, Spring, Summer

CIS 371. Business Programming II. (3 Units)

Prerequisite: CIS 272. Analysis, design, and development of business applications using object-oriented programming languages. Topics include GUI interface, application optimization, client/server applications, ad hoc queries, and dynamic link libraries.

Offered Fall

CIS 372. Systems Analysis and Design. (3 Units)

Prerequisite: CIS 370 may be taken concurrently. Business computing systems, with emphasis on system analysis; tools and techniques of systems study; problem definition, data requirements and analytical approaches.

Offered Fall, Spring, Summer, All terms

CIS 373. Database Systems. (3 Units)

Prerequisites: CIS 370. CIS 272 is recommended. Concepts of data structures and data base processing; major approaches to design and implementation of data base applications; discussion of commercial systems.

Offered Fall, Spring

CIS 375. Data Communications. (3 Units)

Prerequisite: CIS 370. History and trends of hardware/software for telecommunications; asynchronous and synchronous protocols; codes; case studies of current commercial applications; distributed processing; carriers, services and regulatory agencies; standards; error management; reliability; design and tuning of networks; security.

Offered Fall, Spring

CIS 378. Info Security Theories & Pract. (3 Units)

Prerequisites: CIS 272 or CIS 275, and CIS 370. Covers security policies, models, and mechanisms for privacy, integrity, and availability. The business impact of security is also discussed along with countermeasures and best practices used to prevent or mitigate the effects of attacks and malicious code. Various IT security threats and foundation of an overall information security program needed to combat these threats are described.

Offered Fall

CIS 380. Introduction to Programming for Data Analysis. (3 Units)

Prerequisites: CIS 370 and CJA 341 or PUB 305 or OMG 321 are required. CIS 373 is recommended. Introduces students to basic programming skills, using one or more programming languages which are widely applicable to data analysis and visualization, that would enable them to be productive in the field of data analytics.

Offered Fall, Spring

CIS 471. Adv Network Based Applications. (3 Units)

Prerequisites: CIS 275. Covers network-based applications in commerce and cooperative work. Internet publishing and commerce, Internet Protocol servers, database connectivity, computer support of cooperative work.

Offered Spring

CIS 474. Project Management Fundamentals. (3 Units)

Prerequisite: CIS 370 is required. Focuses on basic tools, techniques, and concepts for guiding a scientific project from inception to successful completion. Demonstrates how complexity can be managed in a manner that increases the probability of project success. Students will gain a working knowledge of the major areas of the Project Management Body of Knowledge (PMBOK as defined by the Project Management Institute)

Offered Fall, Spring

CIS 476. Adv Concepts Bus Systems. (3 Units)

Prerequisite: CIS 370. Special topics from modern computing developments. Special emphasis will be given to topics not included in other course offerings (e.g., decision support systems, videotex, etc.). Repeatable course.

Offered As needed

CIS 477. Adv Data Communications. (3 Units)

Prerequisite: CIS 370 and CIS 375. Covers advanced topics required to design, implement, and maintain networks, including the advanced aspects of protocol models, IP addressing, routing, subnetting, and the configuration and operation of network devices.

Offered Fall

CIS 478. Firewall and Computer Network Security. (3 Units)

Prerequisites: CIS 275 or CIS 375. Provides an introduction to firewalls and other network security components and elements that can work together to create an in-depth defensive perimeter around an LAN. These include packet filtering, authentication, proxy, servers, encryption bastion, virtual private networks, long file maintenance, and intrusion detection systems. Practical topics in network security include policy and mechanism, malicious code; intrusion detection, prevention, response; cryptographic protocols for privacy and integrity are also covered.

Offered Fall

CIS 480. Data Mining and Business Intelligence. (3 Units)

Prerequisite: CIS 373 is required. Data mining concepts such as data pattern recognition, data cleansing, data transformation, and data extraction. Also, typical processes, tools, and applications for better business decisions.

Offered Fall, Spring

CIS 482. Databases & Web Security. (3 Units)

Prerequisites: CIS 473 and CIS 478. This course introduces methods of protecting data: discretionary and mandatory access controls, secure database design, data integrity, secure architectures, secure transaction processing, information flow controls, inference controls, and auditing. Security models for relational and object-oriented databases, methods to develop the overall security program necessary to protect data and react to threats as they occur, and security problems raised by data warehousing and data mining are discussed. Furthermore the course covers Web security including SSL/TLC protocols, HTTPS as it relates to SSL, the most common uses of Instant Messaging application, and the variety of mainstream web tools such as JavaScript, Buffer Overflow, ActiveX, Cookies, Applets, and SMTP that are commonly exploited by attackers on the internet.

Offered Spring

CIS 488. Mgt of Information Security. (3 Units)

Prerequisites: CIS 482 or may be taken concurrently. This course provides a management overview of information security and a thorough treatment of the administration of the information security. Issues based on the management functions of Planning, Policy, People, Project Management, Risk Management, and Risk Protection are discussed. The course also discusses practical methods for 1) developing practical risk assessment procedures that link security to business needs, 2) involving business managers in risk assessment, and 3) managing risk on a continuing basis.

Offered Spring

CIS 494. Ind Study In Comp Info Systems. (3 Units)

Prerequisites: CIS 372, minimum GPA 3.0, and upper division standing. Independent research or special project under the direction of a full-time faculty member in the Computer Information Systems Department. CR/NC grading.

Offered Fall, Spring

CIS 496. Internship In CIS. (3 Units)

Prerequisites: Minimum GPA 3.0. A project-type course in computer information systems carried out on an independent basis, with the cooperation of an industrial or governmental concern that is active in the CIS field. Professional report describing project is required. CR/NC grading.

Offered Fall, Spring

CIS 502. Adv Topics in Info Systems. (3 Units)

Prerequisite: CIS 270. Covers issues of concern to managers in areas such as information processing applications and technology, management of the information processing function, impacts of information technology on the firm and on society, global information systems and the information superhighway.

Offered Infrequent

CIS 503. IT in International Business. (3 Units)

Prerequisite: CIS 502 may be taken concurrently. Applying information technology in international business. Topics include traditional and Web-based EDI (electronic data interchange), ebXML, global telecommunications, collaborative technology, supply chain management, strategic management of international information systems, legal and cultural challenges to implementing international information systems.

Offered Infrequent

CIS 520. Network-based Applications. (3 Units)

Prerequisite: CIS 502 may be taken concurrently. This course focuses on the applications and implications of networks for individuals, organizations and society. It covers the historical aspects of networks and their applications, the emerging network applications, and the impact of network applications on individuals, organizations and society.

Offered Infrequent

CIS 530. Enterprise Resource Planning. (3 Units)

Prerequisite: CIS 502 may be taken concurrently. A theoretical and practical study on enterprise resource planning (ERP) systems, including the architecture and differentiation among major commercial ERP software, ERP relationship to various functional business areas, issues of implementing ERP, and the security and confidentiality issues in ERP.

Offered Infrequent

CIS 540. Data Warehousing & Mining. (3 Units)

Prerequisite: CIS 502 may be taken concurrently. This course covers topics in (1) data warehousing, e.g. extracting, cleaning, and organizing data from transactional databases, (2) data mining, e.g. extracting patterns and relationships from the data warehouse, and (3) decision making based on the patterns from the data mining process.

Offered Infrequent

CIS 550. Project Management. (3 Units)

Prerequisite: CIS 502 may be taken concurrently. This course addresses how IT projects should be managed. Topics include human resources management, communications management, scope management, quality management, scheduling/time management, cost and resource management, risk management, contract/procurement management, and project integration.

Offered Infrequent

CIS 560. Info Security for Management. (3 Units)

Prerequisite: CIS 502 may be taken concurrently. Topics on information security include the legislation and standards, law and ethics, planning for security and contingencies, policies and procedures, security management, network vulnerabilities, firewall, viruses and other malicious code, risk management, protection mechanisms and current problems in system security.

Offered Infrequent

CIS 575. SAP Supply Chain. (3 Units)

Prerequisite: CIS 530 and OMG 510. This course will teach the student how to use SAP software to structure and implement solutions to various aspects of supply chain operations. Among the topics to be covered will be demand and supply planning, procurement, manufacturing, warehousing, order fulfillment, and transportation.

Offered All terms, Infrequent

CIS 580. IT Mgt. Capstone Project. (3 Units)

Prerequisite: CIS 502 and completion of at least 3 electives. In this course, students tackle real life IT management projects. Emphases are on applying theoretical frameworks to align enterprise IT and business strategies, and on integrating and applying knowledge and skills that they have acquired from the previous course work.

Offered Infrequent

CIS 594. Independent Study. (1-3 Units)

Prerequisites: Consent of the instructor and MBA program coordinator. Independent research or other study under the direction of a full-time faculty member of the Computer Information Systems Department. CR/NC grading. Repeatable course.

Offered Infrequent

CIS 595. Sel Topi in Comp Info Systems. (3 Units)

Prerequisites: Graduate Standing and CIS 502. Intensive study of a specialized area of Computer Information Systems on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course. Offered Infrequent

Computer Science (CSC)

CSC 101. Intro.to Computer Education. (3 Units)

A computer literacy course designed to familiarize the learner with a variety of computer tools and computer concepts with emphasis on utilizing packaged programs. This course provides an introduction to the use of computers, common software programs and peripherals. Students are instructed in the use of a word processor, drawing programs, spreadsheet, database, presentation tools, internet applications and statistical package in scientific applications. Offered Fall, Spring

CSC 111. Introduction to Computers and Basic Programming. (3 Units)

Introduction to computer programming with particular emphasis on small systems through programming in the BASIC language. Offered Fall, Spring

CSC 112. Intro Computers And Basic. (20 Units)

Offered All terms

CSC 115. Introduction to Programming Concepts. (3 Units)

Introduces students to computer programming by teaching techniques of problem solving. Students will become acquainted with decision constructs, looping structures, and subroutine modules. Students will learn the vocabulary of object-oriented programming. Offered Fall, Spring

CSC 116. Introduction to Computer Hardware and Tools. (3 Units)

Introduction to microcomputer hardware and operating systems. Students will be required to use application software to research, generate and prepare a semester project. Offered Fall, Spring

CSC 121. Introduction to Computer Science and Programming I. (4 Units)

Prerequisite: CSC 115 or equivalent and MAT 153 or consent of instructor. Organization of sequential, digital machine: CPU, I/O, storage, communications devices. Functions of operating systems: translators, editors, peripheral control utilities. The course covers the development, description, and analysis of elementary algorithms. It includes three hours of lecture and two hours of activity per week. Offered Fall, Spring

CSC 123. Introduction to Computer Science and Programming II. (4 Units)

Prerequisites: CSC 121. Continuation of CSC 121. Fundamental programming concepts using arrays, records, pointers, linked list, trees and recursion. Good style, documentation and structure will be emphasized. Introduction to analysis of algorithms for efficiency and correctness. Offered Fall, Spring, Summer

CSC 195. Selected Topics in Computer Science. (1-4 Units)

Prerequisite: Consent of Instructor. Content varies. Topics in computer science not covered by current course offerings. Offered As needed

CSC 221. Assembly Language and Introduction to Computer Organization. (3 Units)

Prerequisite: CSC 121. Programming problems in assembly language. Writing and using macros. Features of modern computer hardware and operating systems. Offered Fall, Spring

CSC 251. C Language Programming and Unix. (3 Units)

Prerequisite: CSC 121. Introduction to programming in the C language and its use in systems programming in the UNIX operating system. Offered Fall, Spring

CSC 255. Dynamic Web Programming. (3 Units)

The goal of the course is to provide instruction to the design and implementation of dynamic web applications. Topics include origins of Internet, TCP/IP basics, Standard Generalized Markup Language SGML, XML and XSL languages, client-side and server-side languages: Perl and PHP, interactivity in website design, front-end interface to databases, website access control, confidentiality, integrity, accessibility and their applicability in developing dynamic and distributed client/server web applications. Offered All terms, Fall, Spring

CSC 281. Discrete Structures. (3 Units)

This course introduces fundamental structures and logical principles that form the foundation of computer science. Topics will be introduced with emphasis on applications in computer science. Students will be required to write programs to deepen their understanding about the topics. Offered Fall, Spring

CSC 295. Sel. Topics in Computer Sci. (1-4 Units)

Prerequisite: Consent of Instructor. Content varies. Topics in computer science not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval. Offered As needed

CSC 300. Software Development. (3 Units)

Prerequisites: CSC 123 is required. This is an advanced Java programming course. Students are expected to have a much deeper understanding about major aspects of Java and OOP, and significantly enhance their programming and problem-solving ability. Several data structure and algorithms will be introduced. Offered Fall, Spring

CSC 301. Computers And Society. (3 Units)

Prerequisites: CSC 101 or CSC 111 or CSC 115 or CSC 121 or CSC 272 or consent of instructor. Ethical, legal, psychological, economic, and theoretical implications and limitations of the uses of digital computers. Oral and written presentations required. Offered Fall, Spring

CSC 311. Data Structures. (3 Units)

Prerequisites: CSC 123 and CSC 281 or MAT 281. More advanced and detailed treatment of concepts of data organization introduced in CSC 123. Includes lists, trees, graphs and storage allocation and collection. Applications to such areas as symbol tables, string search and optimization. Offered Fall, Spring, Summer

CSC 321. Programming Languages. (3 Units)

Prerequisite: CSC 123. A comparative study of programming languages. Characteristics of languages and formal description of languages. Assignments in several languages. Offered Fall, Spring

CSC 331. Computer Organization. (3 Units)

Prerequisites: CSC 221 and MAT 281. Structure of the modern digital computer. Introduction to Boolean algebra and design of digital circuits. Arithmetic, control, storage and input/output systems.
Offered Fall, Spring, Summer

CSC 337. Microcomputers. (3 Units)

Prerequisite: CSC 221, CSC 331, and MAT 281. The architecture, programming and interfacing of microcomputers. Topics include input/output, instruction sets, subroutines, interrupts and control. In-class use of microcomputer hardware. Repeatable course. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

CSC 341. Operating Systems. (3 Units)

Prerequisites: CSC 311, CSC 331, and MAT 321. Overall structure of batch and time-shared operating systems. Scheduling of jobs, CPU and I/O devices. Paged and segmented memory management. I/O programming and file handling. Synchronization of concurrent processes.
Offered Fall, Spring

CSC 353. File Processing. (3 Units)

Prerequisite: CSC 123 and CSC 251 are required; CSC 311 is recommended. Characteristics of secondary storage media. Logical vs. physical organization. Sequential, direct, and indexed access methods. Tree structure of indices; hashing.
Offered Infrequent

CSC 361. Systems Programming. (3 Units)

Prerequisite: CSC 311, CSC 331, and CSC 341. Design and construction of systems programs such as assemblers, macro processors and linking loaders. Introduction to software engineering.
Offered As needed

CSC 371. Finite Automata. (3 Units)

Prerequisite(s): CSC 311 is required. Introduces the formal foundations of computer science, the limits of computation, and the limits of efficient computation. The goal is to provide computer science students with a broad understanding of various models of computation and their power.
Offered Fall, Spring, Summer

CSC 395. Sel Topics in Computer Science. (1-4 Units)

Prerequisite: Consent of Instructor and upper division standing in major. Content varies. Advanced topics in computer science not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered As needed

CSC 401. Analysis Of Algorithms. (3 Units)

Prerequisite: CSC 311. Mathematical study of non-numeric computer algorithms. Topics include combinatorial techniques, algorithm proof, and program complexity.
Offered Fall, Spring

CSC 411. Artificial Intelligence. (3 Units)

Prerequisites: CSC 311 and CSC 321. Introduction to the use of computers to simulate intelligent behavior; includes game playing, problem solving, use of natural languages and pattern recognition.
Offered Fall

CSC 421. Advanced Programming Languages. (3 Units)

Prerequisites: CSC CORE. Continuation of CSC 321. Methods of formal specification of syntax and semantics of programming languages and special purpose language features for such areas as simulation and systems programming.
Offered Infrequent

CSC 431. Advanced Computer Organization. (3 Units)

Prerequisites: CSC 221, CSC 331, CSC 341, MAT 271, and MAT 281. Alternate computer architectures and features of large scale systems. Microprogramming, parallel processing, memory organization, input/output systems, interprocessor communications and multiprocessing.
Offered Infrequent

CSC 441. Advanced Operating Systems. (3 Units)

Prerequisite: CSC CORE. Theoretical study of important topics in operating system design. Substantial individual and group programming projects.
Offered Infrequent

CSC 451. Computer Networks. (3 Units)

Prerequisite: CSC 311 and MAT 281. An introduction to computer networks including both long haul and local area networks. Topics include network topology, network access methodology, transmission media, protocols and applications.
Offered Fall, Spring

CSC 453. Data Management. (3 Units)

Prerequisite: CSC 311. Fundamental concepts in design, analysis and implementation of computerized database systems. Database models, user and program interfaces and database control.
Offered Fall, Spring

CSC 455. WWW Design and Management. (3 Units)

Prerequisites: CSC 251, CSC 311 and CSC 321. An introduction to the design, implementation and management of World Wide Web over the Internet and Intranet networks. Topics include Internet overview, web authoring, web programming, server setting and maintenance.
Offered Infrequent

CSC 459. Security Engineering. (3 Units)

The goal of the course is to provide introduction to the design, implementation and management of systems that remain dependable in the face of malice, error or mischance. Topics include the tools, processes and methods needed to design, implement and test complete systems and to adapt existing systems as their environment evolves. Specifically, it includes cryptography, privacy, hardware tamper resistance, firewalls, intrusion detection and prevention and security policies.
Offered Fall, Spring

CSC 461. Computer Graphics I. (3 Units)

Prerequisite: CSC 311. Fundamental concepts of programming for computer graphics. Graphics devices, languages and algorithms. Substantial graphics programming projects.
Offered Spring

CSC 463. Computer Graphics II. (3 Units)

Prerequisite: CSC 461. Advanced topics in computer graphics. Interactive graphics, animation, color and three dimensional modeling.
Offered Infrequent

CSC 471. Compiler Construction I. (3 Units)

Prerequisites: CSC 221, CSC 311 and MAT 361. Introduction to the theory and practice of compiler construction. Overall structure of compilers. Lexical and syntactic analysis, code generation for block structured languages and code optimization.
Offered Infrequent

CSC 481. Software Engineering. (3 Units)

Prerequisites: CSC 301, CSC 311 and CSC 321. Introduction to software engineering, with emphasis on software design and specification. Oral and written presentations required.
Offered Fall, Spring

CSC 490. Senior Seminar. (3 Units)

Prerequisite: CSC 301, CSC 311 and CSC 321. Intense, structured seminar. Exposure to current areas of research in Computer Science. Students will attend department colloquia; conduct research; present individual and group projects; and, prepare a written proposal for a senior project. Offered Infrequent

CSC 492. Senior Design. (3 Units)

Prerequisites: CSC 301, CSC 321 and CSC 481. Intensive study under the guidance of a member of the Computer Science faculty which continues and expands the research carried out in Senior Seminar. Students will study system design and total project planning and management. A formal written report and oral presentation are required. Offered Fall, Spring, Summer

CSC 495. Selected Topics. (3 Units)

Prerequisite: CSC 311 is required. Content varies. Advanced topics in computer science not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval. Offered Fall, Spring

CSC 497. Directed Study In Computer Science. (1-3 Units)

Prerequisite: CSC CORE or consent of instructor. A project in computer science carried out on an independent study basis. Repeatable course. Offered Infrequent

CSC 498. Directed Research. (1-3 Units)

Offered Infrequent

CSC 500. Research Methods. (3 Units)

Prerequisite: Graduate standing and consent of instructor. Series of lectures given by faculty and visiting computer scientists. Offered Summer

CSC 501. Design and Analysis of Algorithms. (3 Units)

Prerequisite: CSC 401. Methods for the design of efficient algorithms: divide and conquer, greedy method, dynamic programming, backtracking, brand and bound, problem in string matching, polynomials and matrices, graph theory, NP-problems. Offered Fall, Spring, Summer

CSC 511. Artificial Intelligence and Expert Systems. (3 Units)

Prerequisite: CSC 411. Introduction to in-depth engineering approach to the field of artificial neural networks. Topics include different types of network architectures and applications, and their properties and behavior. Offered Fall

CSC 521. Fundamentals and Concepts of Programming Languages. (3 Units)

Prerequisite: CSC 321. Study of the principles that form the basis of programming language design. Research topics in high-level languages including : data abstraction, parameterization, scoping, generics, exception handling, parallelism and concurrency; alternative language designs; imperative, functional, descriptive, object-oriented and data flow; overview of interface with support environments. Offered Spring

CSC 531. Advanced Computer Architecture. (3 Units)

Prerequisite: CSC 331. Covering new technological developments, including details of multiprocessor systems and specialized machines. The main focus is on the quantitative analysis and cost-performance tradeoffs in instruction-set, pipeline, and memory design. Description of real systems and performance data are also presented. Topics covered: quantitative performance measures, instruction set design, pipeline, vector processing, memory organization, input/output, and an introduction to parallel processing. Offered Fall even

CSC 541. Advanced Operating Systems. (3 Units)

Prerequisite: CSC 341. Theoretical and practical aspects of operating systems: overview of system software, time-sharing and multiprogramming operating systems, network operating systems and the Internet, virtual memory management, inter-process communication and synchronization, file organization, and case studies. Giving advanced topics and examples, and simulation techniques used in performance evaluation. Offered Fall

CSC 546. Human Computer Interaction and Interface Design. (3 Units)

Prerequisite: CSC 481. Research-oriented course; in-depth analyses of selected current topics with emphasis on problems related to computer systems, artificial intelligence, and human computer information interaction and interface design. Offered Spring

CSC 551. Data Communications and Computer Networks. (3 Units)

Prerequisite: CSC 451. Topics related to the development of client-server based application, including two-tiers and multi-tiers Client-Server concepts and programming. Concurrency issues in the design of client and server programs. Trade-off of different architectures and usage of remote procedure calls. Broadcasting and multicasting. Offered Fall odd

CSC 552. Distributed Computing and Parallel Processing. (3 Units)

Prerequisites: CSC 451, CSC 401. Comprehensive introduction to the field of parallel and distributed computing systems: Algorithms, architectures, networks, systems, theory and applications. The distributed parallel computation models, design and analysis of parallel algorithms will be discussed. Offered Infrequent

CSC 553. Advanced Database Management Systems. (3 Units)

Prerequisite: CSC 453. Provides an in-depth treatment of one or more advanced topics in the management of information systems. The field of information systems consists of three major components: information systems technology, information systems development and information systems management. Deals with the latter area. Because of the many advances in information technology and the corresponding development techniques, new business opportunities are constantly emerging and with them the need to manage these applications effectively. Explores these new application areas and the management approaches needed to make them successful. Offered Spring odd

CSC 555. Information Assurance and Network Security. (3 Units)

Prerequisites: CSC 451, CSC 401 and/or consent of instructor. Topics related to communications and IT infrastructures, their vulnerabilities as well as the size and complexity of security threats faced by enterprises, development of security practices, policies, awareness and compliance programs, and legal and regulatory issues will be examined. Fundamental encryption algorithms and systems supported in today's IT and secure communications networks Virtual Private Networks, Tunneling, Secure Socket Layer, SSH, and PGP will also be examined. Offered Spring even

CSC 561. Advanced Computer Graphics. (3 Units)

Prerequisite: CSC 461. Solid modeling Euler operators, finite element methods. Rendering: filling, shading, ray tracing. Natural modeling: L-systems, fractals. Image processing: filtering anti-aliasing, enhancement. Color: physics, graphics, physiology. Offered Spring

CSC 564. Numerical Analysis. (3 Units)

Prerequisite: MAT 361. Topics include numerical solution of partial differential equations by finite difference and finite element algorithms. Focus on direct and iterative methods for solving large, sparse linear systems and related eigenvalue and vector problems. Emphasis is placed on robust mathematical software and its interaction with computer hardware and languages.
Offered Infrequent

CSC 565. Theory of Computation. (3 Units)

Prerequisites: CSC 401 and MAT 361. Models of computation, complexity theory, intractable problems, complete problems, recursive function theory, incompleteness, formal theory of program semantics and correctness, logics of programs.
Offered Infrequent

CSC 581. Advanced Software Engineering. (3 Units)

Prerequisite: CSC 481. This course focuses on defining software requirements and provides an overview of advanced analysis and design techniques that can be used to structure applications. Topics of software requirements include interacting with end-users to determine needs and expectations, identifying functional requirements and identifying performance requirements. Analysis techniques include prototyping, modeling and simulation. Design topics include design in the system lifecycle, hardware vs. software trade-offs, subsystem definition and design, abstraction, information hiding, modularity and reuse.
Offered Spring

CSC 582. Object-Oriented Analysis and Design. (3 Units)

Prerequisite: CSC 481. Object-oriented analysis and design is essential in developing high-quality object-oriented systems. Topics will include object-oriented classes, attributes, methods and relations to other classes, objects, classifications and inheritance, encapsulation, polymorphism, object-oriented analysis, design and programming.
Offered Fall

CSC 583. Software Engineering Processes. (3 Units)

Prerequisite: CSC 581. The course focuses on the engineering of complex systems that have a strong software component. Topics include deriving and allocating requirements, system and software architectures, system analysis and design, integration, interface management, configuration management, quality, verification and validation, reliability, and risk.
Offered Fall

CSC 584. Software Project. (3 Units)

Prerequisite: CSC 581. The main topics of this course address the successful management of a software development project. This includes planning, scheduling, tracking, cost and size estimating, risk management, quality engineering, and process improvement. The course is centered on the concept of a software engineering process and includes discussion of life cycle models for software development.
Offered Spring

CSC 585. Advanced Software Quality Assurance. (3 Units)

Prerequisite: CSC 581. The relationship of software testing to quality is examined with an emphasis on testing techniques and the role of testing in the validation of system requirements. Topics include module and unit testing, integration, code inspection, peer reviews, verification and validation, statistical testing methods, preventing and detecting errors, selecting and implementing project metrics and defining test plans and strategies that map to system requirements. Testing principles, formal models of testing, performance monitoring and measurement also are examined.
Offered Fall odd

CSC 590. Master's Project. (3 Units)

Prerequisite: Graduate standing and consent of the graduate adviser. Offered on the letter-grade basis only. The equivalent of three lecture hours a week.
Offered Fall, Spring

CSC 594. Independent Study. (3 Units)

Prerequisites: Graduate standing and consent of instructor. Individual studies in advanced computer science and technology.
Offered Infrequent

CSC 595. Special Topics in Computer Science. (3 Units)

Prerequisite: Graduate standing and consent of instructor. Exposes students to new and emerging concepts and technologies
Offered Infrequent

CSC 597. Directed Reading. (3 Units)

Offered As needed

CSC 599. Master's Thesis. (3 Units)

Prerequisite: Graduate standing and consent of the graduate adviser. Computer research writing of thesis for a master's degree. CR/NC grading.
Offered Fall, Spring

CSC 600. Graduate Continuation Course. (1 Units)

Prerequisite: Signature of graduate program coordinator required. Graduate students, who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion for their degree, may attain continuous enrollment by enrolling in this course.
Offered Fall, Spring

Computer Technology (CTC)

CTC 195. Special Topics. (1-3 Units)

Topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered As needed

CTC 218. Digital Logic Design. (3 Units)

Provides students with a basic understanding of digital device and circuit fundamentals. The students should be able to analyze and design both combinational and sequential circuits after completing this course.
Offered Fall, Spring

CTC 228. Introduction to Operating Systems and Networks. (4 Units)

Course acquaints students with basic networking concepts such as TCP/IP, local/wide area networking as well as emerging industry topics such as Radio Frequency Identification (RFID), Global Information Systems (GIS), Networked Attached Storage (NAS), and WiMAX.
Offered Fall, Spring

CTC 295. Special Topics. (1-3 Units)

Topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered As needed

CTC 305. Introduction to Game and Mobile Programming. (3 Units)

This course teaches students through lectures, discussions, demonstrations, and classroom labs. Students learn the knowledge, skills, and abilities necessary to create games in the C# programming language using the Microsoft XNA framework and Silver light.
Offered Fall

CTC 310. Software Project Management. (3 Units)

Course will focus on the critical aspects of project management, including software project management concepts and case studies, and discuss software project management roadmap, and especially address linear, incremental, iterative, adaptive and extreme effective software project management from the perspectives of project scoping, planning, launching, monitoring, controlling and closing phases.

Offered Fall, Spring

CTC 316. Operating Systems and Networks Support. (3 Units)

Course provides an introduction to OS and networking support. Topics include user engineering, risk management, mission assurance, software process management, enterprise management tools and processes, disaster recovery, business continuity and information life cycle management.

Offered Fall, Spring

CTC 328. Computer Forensics and Investigation. (4 Units)

Course presents methods to properly conduct a computer forensics investigation, beginning with a discussion of ethics while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification.

Offered Fall, Spring

CTC 362. Communication Systems Security. (3 Units)

Course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.

Offered Fall, Spring

CTC 385. Introduction to Programming. (3 Units)

Introduces computing practice first, and then the concept of programming using block-based and visual (drag-and-drop) programming language such as Scratch. Students will also be exposed to pseudocode and algorithm design.

Offered Fall, Spring, Summer

CTC 386. Computational Thinking and Programming. (3 Units)

Prerequisite: CTC 385 is required. Restricted to majors. Introduces computational thinking and problem-solving frameworks first, and then uses Python to teach programming concepts and problem-solving skills. Ethics in computing is also discussed.

Offered Fall, Spring, Summer

CTC 387. Computer Networks, Communication Devices and Methods. (4 Units)

Prerequisites: CTC 386 is required. Restricted to majors. Introduces computer system, network and communication devices first, and then introduces how to identify hardware and software failures, and use tools to perform diagnosis. Social and legal issues in computing, and pedagogy in computer science are also discussed.

Offered Fall, Spring, Summer

CTC 389. Data Structures and Software Design. (3 Units)

Prerequisite: CTC 387 is required. Restricted to majors. Introduces different data structures and algorithm design principles first, followed by different software design models. Advanced Python programming techniques are also discussed.

Offered Fall, Spring, Summer

CTC 395. Special Topics. (1-3 Units)

Advanced topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs.

Subject to approval.

Offered As needed

CTC 399. IT Practicum. (3 Units)

The technology internship program allows students to gain hands on experience in a technology environment by spending one semester as an intern in the Information Technology Department at CSUDH. The Internship program provides students with the opportunity to gain technical experience related to their studies, and to prepare for future career opportunities. CR/NC grading

Offered Fall, Spring

CTC 405. Advanced Game Development. (3 Units)

Prerequisites: Prerequisites: CTC 305 or CSC 123 Students learn the advanced knowledge in game development including Skills, and the abilities necessary to create #D games on multiple platforms. The course includes lectures, discussions, demonstrations, and classroom labs.

Offered Spring

CTC 428. Operating Systems Security. (3 Units)

Prerequisites: CTC 316 is required. Course takes an in depth look at operating system security concepts and techniques. It examines theoretical concepts that make the world of security unique. Also, this course will adopt a practical hands-on approach when examining operating system security techniques.

Offered Fall, Spring

CTC 435. Fundamentals of Information Technology. (2 Units)

This course focuses on the introduction to Python programming language, handling data, database, operating systems, and network and security. Students are expected to gain significant theoretical knowledge of information technology, and know how to write Python programs.

Restricted to students in the major.

Offered Fall, Spring, Summer

CTC 436. Fundamentals of Networking and Hardware. (2 Units)

This course focuses on the introduction of computer hardware systems, computer network, and wireless networking. Students who enroll and complete this course are expected to gain significant theoretical knowledge and hands-on experience of computer hardware and networking. Restricted to students in the major.

Offered Fall, Spring, Summer

CTC 437. Fundamentals of Information Security. (2 Units)

Introduces students to security, network monitoring and access control, malicious activity detection, cryptography and security function. Students who enroll and complete the course are expected to gain significant theoretical knowledge and hands-on experience of information security. Restricted to students in the major.

Offered Fall, Spring, Summer

CTC 452. Network Security and Hacking Prevention. (3 Units)

Prerequisite: CTC 228 or consent of instructor is required. Course takes an in depth look at network defense concepts and techniques. It examines theoretical concepts that make the world of networking unique. This course also adopts a practical hands-on approach when examining network defense techniques and strategies.

Offered Fall, Spring

CTC 454. Wireless Security & Forensics. (3 Units)

Examines fundamental topics in wireless technology in wireless technology, such as planning, designing, installing, securing, using tools, and forensics. Students will also examine the maintenance, security, and business applications for wireless Local Area Networks.
Offered Spring

CTC 456. Enterprise System Security. (3 Units)

Prerequisite: CTC 228 is required. Students learn to identify and fix enterprise level network vulnerabilities through the use of existing defense tools. Students also learn the essential skills and techniques needed to develop enterprise level network security skills to protect enterprise's information.
Offered Spring

CTC 458. Network Security Through Penetration Testing. (3 Units)

Prerequisite: CTC 228 is required. Students learn how to determine the feasibility of a particular set of attack vectors and identify higher-risk vulnerabilities. Students learn through performing penetration tests against the setup environment using existing tools, techniques, and programming languages.
Offered Fall

CTC 492. Senior Project. (3 Units)

Intensive study under guidance of a member of the Computer Science Department to complete a project from start to end. Students will study system design and total project planning and management. A formal written report and oral presentation will be required.
Offered Fall, Spring

CTC 495. Special Topics. (1-3 Units)

Advanced topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered Fall, Spring

CTC 496. Internship in Computer Technology. (3 Units)

Offered As needed

CTC 497. Directed Studies. (3 Units)

Software Project Management (CTC 310)
Offered As needed

Criminal Justice (CJA)

CJA 339. Research Methods and Communication in Criminal Justice Administration. (3 Units)

Presents an overview of the fundamentals of research design in criminal justice. Students will learn how to design, conduct, and communicate ethical scientific research. A focus will be placed on academic writing and oral communication as an iterative process. A grade of C or better in this course fulfills the GWAR requirement for all Criminal Justice majors and minors.
Offered Fall, Spring

CJA 340. Crim Justice & Community. (3 Units)

Political, cultural, and social environment of criminal justice administration; police community relations; accountability of criminal justice agencies to the political and legal order.
Offered Fall, Spring

CJA 341. Statistics in Criminal Justice Administration. (3 Units)

Prerequisites: MAT 105, MAT 131, MAT 132 or MAT 195 is required. Explores statistical procedures used for the analysis of data by criminal justice professionals. Instruction on the most commonly used applications of statistical analysis in the administration of justice, including review of mathematics and statistical functions and the use of statistics by criminal justice decision makers. An introduction to computer applications will also be provided.
Offered Fall, Spring

CJA 342. Legal and Ethical Foundations of Justice in Criminal Justice Administration. (3 Units)

Local, state, and federal judicial systems; constitutional, judicial and legislative influences on the administration of justice.
Offered Fall, Spring

CJA 344. Theories of Crime and Criminal Justice Policy. (3 Units)

Examines theories of crime and criminal justice policy. Covers definitions of crime, its measurement, and patterns across time and place. This is used to evaluate historical and contemporary politics in criminal justice administration.
Offered Fall, Spring

CJA 423. Administrative Law. (3 Units)

Role and nature of administrative law, procedural requirements and judicial review of administrative actions, safeguards against arbitrary action, delegation of legislative power, legal principles and trends in the development of public administration.
Offered Fall, Spring

CJA 443. Criminal Law & Justice Admin. (3 Units)

Examination of the law of criminal culpability, parties to crime, defenses, and sentencing issues. Critical analysis of types of crime, elements of specific crimes, theories of criminal law, and issues pertaining to its application by the criminal justice system.
Offered Fall, Spring

CJA 444. Juvenile Justice Process. (3 Units)

Examination of the administration of juvenile justice, including juvenile justice policies and procedures, and components of the juvenile justice system. Critical analysis of the theory and dynamics of how the juvenile justice system responds to juvenile issues, including delinquent behavior.
Offered Fall, Spring

CJA 445. Policing & Admin. of Justice. (3 Units)

Examination of policing in the United States. Critical analysis of theories of policing, police administration, and police obligations and responsibilities under the law. Analysis of historical and contemporary approaches to police-community relations.
Offered Fall, Spring

CJA 446. Terrorism & Extremism. (3 Units)

Examination of contemporary terrorism and extremism. Critical analysis of terrorist behavior, typologies of terrorism, and extremism as a foundation for terrorist behavior. Analysis of the role of law enforcement and other public administrative agencies.
Offered Fall, Spring

CJA 447. Corrections Administration and Policy. (3 Units)

Explores the history, organization, administration and effects of institutional and community corrections in the United States and abroad. Critically examines the development and implementation of correctional administration through analysis of policy and practice at each level.
Offered Fall, Spring

CJA 448. Forensic Science. (3 Units)

Examines the scientific basis of forensic science techniques. Students will learn to think critically about forensic science, and the legal and ethical considerations that come with relying on forensic science evidence in the courtroom
Offered Fall, Spring

CJA 449. Investigative Interviewing, Interrogation and Lie Detection. (3 Units)

Scientific research is informing and transforming the practice of investigative interviewing, interrogation, and lie detection. This course reviews this research and the ethical considerations and legal decisions of this work as applied to the practice of criminal justice administration.
Offered Fall, Spring

CJA 450. Eyewitness Evidence and the Law. (3 Units)

Criminal Justice administrators are commonly tasked with collecting and assessing eyewitness evidence. Course focuses on the scientific research of eyewitness testimony and the legal decisions on eyewitness evidence as applied to the practice of criminal justice administration.
Offered Fall, Spring

CJA 451. Intelligence and National Security. (3 Units)

Explores the history, function, principles, policy guidelines and methods of collecting intelligence. Central to this course is the use of intelligence in the United States regarding homeland security, cybersecurity, terrorism, and organized crime investigations.
Offered Fall, Spring

CJA 452. Homeland Security. (3 Units)

Introduces students to the homeland security environment in the United States. Emphasis is placed on policies and systems designated to prevent, respond to, and mitigate incidents. Discussions critically assess how governments and homeland security agencies respond to domestic threats.
Offered Fall, Spring

CJA 460. Gender, Race and the Administration of Justice. (3 Units)

Examines the relationship between race/ethnicity, gender, crime, and the criminal justice system, including resulting disparities. We analyze traditional and critical theories of crime, system policies and practices, and the system as a place of work.
Offered Spring

CJA 490. Capstone in Criminal Justice Administration. (3 Units)

Prerequisites: CJA 339, CJA 340, CJA 342, and CJA 344 are required. CJA 341, CJA 443, CJA 444 and CJA 447 are recommended. The capstone experience synthesizes the CJA student's experience at CSUDH. Integrates CJA coursework with a 120-hour semester-long internship in criminal justice administration. The course provides students with an opportunity to directly apply the knowledge gained in the CJA program to the criminal justice system.
Offered Fall, Spring

CJA 495. Special Topics in Criminal Justice Administration. (1-3 Units)

Prerequisite: Consent of instructor. An intensive study of an issue, concept or technique that is related to criminal justice administration. Repeatable course.
Offered Fall, Spring

CJA 496. Internship in Criminal Justice. (1-3 Units)

Under the direction of a faculty of the discipline, students work in a government or bureaucratic agency of the criminal justice system, applying the skills and knowledge learned in the classroom.
Offered Fall, Spring

CJA 540. Adv. Criminal Justice Issues. (3 Units)

This course will introduce students to advance issues relating to the administration of justice from the perspective of the American criminal justice system. Emphasis will be placed on policy concerns, crime and its causes, the structure of the criminal justice system, and criminal justice procedures. Special issues in criminal justice will also be reviewed.
Offered Infrequent

CJA 563. Administrative Law, Policy and Analysis. (3 Units)

This course shall define the scope and boundaries of administrative law within the context of public policy. It will introduce students to major constitutional issues underlying administrative law bodies at the federal, state, and local levels of government.
Offered Fall, Spring

CJA 565. Issues in Police Administration and Ethics. (3 Units)

Examination of policing in the US. Critical analysis of theories of policing, police administration, police obligations, ethics, and responsibilities under the law. Analysis of historical / contemporary approaches to ethical community relations.
Offered Fall, Spring

CJA 566. Issues in Homeland Security and Terrorism. (3 Units)

This course will introduce students to contemporary issues in homeland security and terrorism. Emphasis will be placed on foundations of homeland security, threats and vulnerabilities, preparedness / response / recovery, and evolving issues.
Offered Fall, Spring

CJA 595. Special Topics in Criminal Justice Administration. (1-3 Units)

Prerequisite: Graduate standing. Intensive study of a specialized area or contemporary issues in Criminal Justice Administration (e.g. Homeland Security, Emergency Management, CJA Debates). Three hours of seminar per week. Repeatable course.
Offered Fall, Spring

CJA 596. Internship Practicum. (3 Units)

Prerequisite: Consent of MPA program coordinator. Supervised internship working with a cooperating government agency in a function germane to public administration. Sessions are held to discuss and analyze the problems with which interns are concerned. A written project related to the internship is required. CR/NC grading.
Offered Fall, Spring

Curriculum & Instruction (CUR)

CUR 510. Process of Curriculum Development. (3 Units)

Prerequisite: TED 505 or GED 501 is required. Designed to review contemporary developments in curriculum theory and practice through a framework centered in Critical Theory and Social Justice Education. Will include experience in the development of units of instruction and the evaluation of published curriculum materials.
Offered Fall, Spring

CUR 513. Literature for Child & Adolesc. (3 Units)

Principles of instructional and curricular theory as they apply to the teaching of literature in preschool and grades K-12. Analysis of literary devices and sequential development of ability to analyze and appreciate good literature. Emphasizes development of critical and analytic skills in diverse school environments.
Offered Infrequent

CUR 514. Trauma and Healing Informed Pedagogy. (3 Units)

Prerequisite: CUR 510 is recommended. Designed to review contemporary developments in the theory and practice of trauma and healing-informed pedagogies. Includes research, reflection, and innovative design of curriculum and/or school policies to address adverse childhood experiences in diverse school environments. Offered Fall even

CUR 515. Seminar in Curriculum Development in Reading and the Language Arts. (3 Units)

Review of current developments in curriculum theory and practice for Reading and the Language Arts. Includes development of instructional units and use of evaluation criteria for published materials. Three hours of seminar per week.

Offered Fall

CUR 516. Sem Curr Dev Science Math. (3 Units)

Review of current developments in curriculum theory and practices for science and math. Includes development of instructional units and use of evaluation criteria for published materials. Three hours of seminar per week.

Offered Spring

CUR 517. Sem Curr Dev Hum Soc Sci. (3 Units)

Review of current development in curriculum theory and practice for the humanities and social sciences. Includes development of instructional units and use of evaluation criteria for published materials. Three hours of seminar per week.

Offered Infrequent

CUR 518. Research for the Teacher Scholar. (3 Units)

Development of conceptual and practical understanding of designing and conducting research and evaluation for education research in a classroom and education settings. Topics include critical qualitative and quantitative research, action research, research design, and research proposal writing.

Offered Fall, Spring

CUR 519. Adv Stud in Curric Practices. (3 Units)

Prerequisite: CUR 510. Intensive study and evaluation of research in selected curriculum areas. Emphasizing designing and implementing innovative curricular and related instructional improvements. Requires student to demonstrate effective instructional leadership and problem solving skills in multiethnic school environments. May be repeated up to six units.

Offered Fall, Spring, Summer

CUR 520. Seminar in Ethnic Studies in Education. (3 Units)

Prerequisite: CUR 510 is recommended. Designed to review contemporary developments in the curriculum theory and instructional practices through an interdisciplinary lens at the nexus between the fields of Ethnic Studies and Education. Seminar will provide a comparative analysis of issues of pedagogy and curriculum and the development of tools to support educators praxis.

Offered Spring odd

CUR 521. Seminar in Critical Race Praxis in Education. (3 Units)

Prerequisite: CUR 510 is recommended. Designed to review contemporary developments in the curriculum theory and instructional practices through an analytical framework called Critical Race Theory in Education. Seminar will provide an overview of critical race theory as it developed in the field of education and will include research, reflection, and practical applications through curricular and pedagogical development.

Offered Fall even

CUR 555. Intro to National Board Prep. (3 Units)

This course specifically targets candidates applying for certification by the National Board for Professional Teaching Standards. These standards will be utilized throughout the course in establishing what accomplished teachers should know and be able to do. Students will develop clear and convincing evidence that Standards are being employed in their own practice.

Offered Infrequent

CUR 556. Advan Prep for National Board. (3 Units)

Prerequisite: CUR 555 with grade of A or B. This course specifically provides ongoing, advanced preparation for candidates applying for certification by the National Board for Professional Teaching Standards. Students complete portfolio entries based on rigorous standards published by the Board, including videos, action research and documentation of effective and reflective practice. Students should be preparing to take National Board exam during semester in which they take CUR 556.

Offered Infrequent

CUR 595. Special Topics in Curriculum & Instruction. (1-3 Units)

An examination of a specific topic and/or subject area of the critical study of education, curriculum, and instruction, language and learning.

Offered Fall, Spring

Cyber Security (CYB)

CYB 501. Foundation of Information Security. (3 Units)

An overview of information security concepts; a basic introduction to information assurance principles and information security systems and specific issues pertaining to risk assessment and cyber threats; a brief examination of the laws governing information security including public policy and ethical standards.

Offered Fall, Spring

CYB 505. Practical Cyber Security. (3 Units)

Prerequisite: Restricted to majors. To understand and deal with real-world cyber threats, this course explores the latest development in the area of cyber security, and provides theory and hands-on practice in playing with cyber security software and network systems in a laboratory environment.

Offered Fall, Spring, Summer

CYB 525. Cybersecurity System Analytics and Automation. (3 Units)

Provides theory and hands-on practice in data analytics and threat intelligence in cybersecurity systems. Explores way to perform analytical tasks automatically, and solve cryptography, intrusion detection, automation, log creation, log management and other problems in cybersecurity.

Offered Fall, Spring, Summer

CYB 528. Foundations of Cyber Forensics. (3 Units)

Presents a high level introduction of Cyber Forensics including the different approaches in computer forensics investigation. Covers the ethics as it is mapped to the objectives of the Center of Academic Excellence in Cybersecurity.

Offered Spring

CYB 529. Advanced Cyber Forensics. (3 Units)

Prerequisite: CYB 528 is required. Provides advanced case examples in digital forensics. Provides understanding of everyday issues in real investigations such as technical, logistical, and legal challenges. Presents advanced methodologies and proven practices applied in digital investigations.

Offered Infrequent

CYB 535. CyberOps and Cloud DevSecOps. (3 Units)

Prerequisite: restricted to majors. Provides theory and hands-on practice on day-to-day, tactical knowledge and skills that Security Operations Center teams need to detect and respond to cybersecurity threats. Main topics include security monitoring, host-based analysis, intrusion analysis, and security policies and procedures.
Offered Fall, Spring, Summer

CYB 538. Information Security Policy and Procedure. (3 Units)

Examines the legal concepts, principles and theories of public policy as they apply to information technology. A review of the American system with its federal and state levels will be studied to provide students with the necessary legal background in which the world of Information Technology functions. A special emphasis will be placed on compliance issues, Cyber laws, and regulations.
Offered Fall

CYB 548. Advanced OS Security. (3 Units)

A study of the challenges involved in the design and implementation of a secure operating system. Identify security threats and monitor operating system security implementations; learn how to configure operating systems to meet security standards using best practices.
Offered Summer

CYB 551. Data Communications and Computer Networks. (3 Units)

A comprehensive survey of the computer communication and field including data communication concepts and categories, communications switching and routine, network configuration and management. Topics also include layered network models and protocol.
Offered Spring

CYB 552. Advanced Hacking Prevention. (3 Units)

To evaluate advanced hacks and methods of defense fortification. Provides more advanced network defense concepts and techniques. Covers more detailed theoretical concepts in networking. State-of-the-art techniques and tools will be used to learn how to protect network.
Offered Fall

CYB 555. Information Assurance and Network Security. (3 Units)

Students will examine the concepts and topics in network security and information assurance. Through this course, students will conduct a CRT (Capture The Flag) exercise, and learn more about security threats, secure socket layer, SSH, Tunneling, PGP, encryption algorithm, vulnerabilities and other related topics.
Offered Spring

CYB 562. Advanced Communication System Security. (3 Units)

The course covers more advanced security life-cycle of products and services; it will go beyond requirements and policy development and progressing through the actual development, deployment an operations. This course will also provide advanced methods regarding the issues associated with protecting information assets.
Offered Infrequent

CYB 572. Secure Cloud Computing. (3 Units)

Students will learn four cloud service models: IaaS-Infrastructure as a Service, PaaS-Platform as a Service, SaaS-Software as a Service and BpaaS-Business Process as a Service. This course will also cover topics related to big data, and challenges resulting from the implementation of high computing performances.
Offered Summer

CYB 584. Software Project Planning and Management. (3 Units)

Students will learn to build a software project and manage it professionally. Additionally, they will be expected to devise a plan with a schedule of finished products, a tracking system to monitor the building process of the project, and a risk management assessment.
Offered Fall

CYB 590. Graduate Project. (3 Units)

Capstone course. Students are required to submit and present a semester long project. Students will develop their own cyber security project, devise hypotheses related to their study, gather data to support their hypotheses, and present the results.
Offered Fall, Spring

CYB 595. Special Topics in Cyber Security. (3 Units)

Advanced topics in cyber security not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval. Consent required.
Offered Fall, Spring

CYB 600. Graduate Continuation Course. (1 Units)

Prerequisite: Signature of graduate program coordinator required. Graduate students, who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion for their degree, may attain continuous enrollment by enrolling in this course.
Offered Fall, Spring

Dance (DAN)

DAN 110. Dance of World Cultures. (1 Units)

Introduction to a variety of ethnic and social dance forms; and appreciation of their historical and cultural origins. Repeatable for credit. Two hours of activity per week.
Offered Fall, Spring

DAN 120. Tap Dance. (1 Units)

Development of proficiency in performing elementary tap technique with emphasis on skills, steps, combinations and terminology. Appreciation of the origin and evolution of tap dance. Repeatable for credit. Two hours of activity per week.
Offered Fall

DAN 125. Tap Dance II. (1 Units)

Prerequisites: DAN 120 or permission from instructor. Develop proficiency in performing beginning intermediate tap technique with emphasis on skills, steps, combinations and terminology. Be able to speak and write appropriate vocabulary steps when necessary, and gain a further appreciation of the origin and evolution of tap dance and current tap trends.
Offered As needed

DAN 130. Global Dance Perspectives. (3 Units)

Global Dance Perspectives provides an understanding and appreciation of dances from all cultures of the world as an expression of people's imaginative and creative urges/ Diversity in dance is explored through a global perspective addressing social, cultural, and historical topics.
Offered Fall, Spring, Summer

DAN 200. Jazz I. (2 Units)

Development of proficiency in performing beginning jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 205. Jazz II. (2 Units)

Prerequisite: DAN 200 or consent of instructor. Continuing development of proficiency in performing beginning jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 210. Ballet I. (2 Units)

Development of proficiency in performing elementary ballet technique. Emphasis on basic theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 215. Ballet II. (2 Units)

Prerequisite: DAN 210 or consent of instructor. Continuing development of proficiency in performing elementary ballet technique. Emphasis on basic theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 220. Modern Dance I. (2 Units)

Development of proficiency in performing beginning modern dance technique. Emphasis on basic technical development, movement theories, movement phrasing and terminology. Appreciation of basic movement discoveries of early pioneers in modern dance, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 225. Modern Dance II. (2 Units)

Prerequisite: DAN 220 or consent of instructor. Continuing development of proficiency in performing beginning modern dance technique. Emphasis on basic technical development, movement theories, movement phrasing and terminology. Appreciation of basic movement discoveries of early pioneers in modern dance, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 230. Dance Touring Ensemble. (1 Units)

Co-requisite: Enrollment in a Dance Technique class. Dance Touring Ensemble members will discover and cultivate their own talents as performers and educators. Multiple performances will be held during the semester. Auditions and an Interview will be required.
Offered All terms

DAN 300. Jazz III. (2 Units)

Prerequisite: DAN 205 or consent of instructor. Development of proficiency in performing intermediate jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of the origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Spring

DAN 305. Jazz IV. (2 Units)

Prerequisite: DAN 300 or consent of instructor. Continuing development of proficiency in performing intermediate jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of the origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Spring

DAN 310. Ballet III. (2 Units)

Prerequisite: DAN 215 or consent of instructor. Development of proficiency in performing intermediate ballet technique. Emphasis on theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 315. Ballet IV. (2 Units)

Prerequisite: DAN 310 or consent of instructor. Continuing development of proficiency in performing intermediate ballet technique. Emphasis on theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 320. Modern Dance III. (2 Units)

Prerequisite: DAN 225 or consent of instructor. Development of proficiency in performing intermediate modern dance technique. Emphasis on intermediate technical development, movement theories, movement phrasing and terminology. Appreciation of intermediate movement discoveries of early pioneers in modern dance, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.
Offered Spring

DAN 325. Modern Dance IV. (2 Units)

Prerequisites: Upper division class standing; KIN 448 is recommended. Planned internship in alternative dance careers at a cooperating institution, agency, organization or company under professional supervision. Application of principles and skills acquired in student's chosen professional preparation program.
Offered Spring

DAN 330. Dance Composition I. (2 Units)

Use of improvisation in choreography as an introduction to structural form; individual and group problems.
Offered Fall

DAN 335. Dance Composition II. (3 Units)

Prerequisites: DAN 330 Co-requisite: Concurrent enrollment in a dance technique class. Theory and practice in the immediate elements of dance composition.
Offered Spring

DAN 340. Dance Production. (1 Units)

Prerequisites: DAN 330 and DAN 335 or consent of instructor. Designed to teach students how to coordinate and produce a dance concert. Emphasis on technical aspects of dance production such as lighting design, costume design and construction, recording sound, applying dance makeup, staging dances, and concert publicity and promotion. Repeatable for credit. Three hours of activity per week.
Offered Spring

DAN 345. Rhythmic Analysis. (3 Units)

Prerequisites; DAN 330. Basic music exploration of simple and complex rhythmic patterns, time, styles, and a brief survey of the historical periods and styles of music used in western and non-western cultures.
Offered Fall even

DAN 355. Forces and Figures in Dance. (3 Units)

Prerequisite: DAN 130 required. Survey of the historical development of dance from the 18th century to the 21st centuries.
Offered Spring even

DAN 375. Dance Kinesiology & wellness. (1 Units)

Investigation of the kinesiology and physiology of the human body as it relates to dance. Students will develop a basic understanding of human anatomy, the biomechanics of human movement, and wellness concerns as they relate to dance.

Offered Spring

DAN 385. Somatics and Conditioning. (3 Units)

The discipline of somatic studies emphasizing the unity of mind and body, and an integrated experience from within, through conscious guided movement and opportunities for increased self-awareness.

Offered As needed

DAN 395. Dance Pedagogy. (3 Units)

Prerequisites: DAN 205, DAN 315, DAN 325, DAN 335 or permission of instructor, Dance Pedagogy explores the art and instructional methods of teaching dance technique and choreography.

Offered As needed

DAN 410. Ballet V. (2 Units)

Prerequisite: DAN 315 or consent of instructor. Development of proficiency in performing intermediate-advanced ballet technique. Emphasis on intermediate-advanced theory, positions, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 415. Ballet VI. (2 Units)

Prerequisite: DAN 410 or consent of instructor. Continuing development of proficiency in performing intermediate- advanced ballet technique. Emphasis on intermediate-advanced theory, positions, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 420. Modern Dance V. (2 Units)

Prerequisite: DAN 325 or consent of instructor. Development of proficiency in performing intermediate-advanced modern dance technique. Emphasis on intermediate-advanced technical development, movement theories, movement phrasing and terminology. Appreciation of movement discoveries of contemporary modern dancers, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 425. Modern Dance VI. (2 Units)

Prerequisite: DAN 420 or consent of instructor. Continuing development of proficiency in performing intermediate-advanced modern dance technique. Emphasis on intermediate-advanced technical development, movement theories, movement phrasing and terminology. Appreciation of movement discoveries of contemporary modern dancers, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 430. Dance Composition III. (3 Units)

Prerequisites: DAN 330, and DAN 335 required. Co-requisites: Concurrent enrollment in a dance technique class. Development of theme and style in a dance technique class.

Offered Fall

DAN 440. Dance for Children. (3 Units)

Study of developmentally appropriate creative movement experiences for children. Examination of teaching methodology designed to develop foundational movement skills, artistic exploration of movement elements, improvisational techniques, imagination and creativity, and how these learning activities can be taught across the curriculum.

Offered Fall, Spring, Summer

DAN 450. Musical Theatre Studies. (3 Units)

Prerequisites: DAN 203, DAN 315, DAN 325, DAN 335 or permission of instructor, Musical Theatre Studies is an exploration of American Musical Theatre, Students will study the work of the actor/singer/dancer and develop as performers.

Offered As needed

DAN 480. Dance Rehearsal & Performance. (2 Units)

Prerequisites: DAN 200, DAN 205, DAN 210, DAN 215, DAN 220, DAN 225 are recommended. Participation as a performer and/or choreographer in a Dance Program approved, University sponsored production. Concert participation is by audition only. Repeatable for credit. Four hours of activity per week.

Offered Fall, Spring

DAN 494. Independent Study. (1-3 Units)

Advanced study in dance, with each student participating in a special project mutually agreed upon by student and instructor.

Offered Fall, Spring

DAN 495. Special Topics:. (1-3 Units)

Intensive study of a dance topic of current interest. May be repeated for credit to a maximum of 6.0 units.

Offered Infrequent

DAN 496. Internship in Dance. (1-3 Units)

Prerequisite: Consent of instructor. Collaborative production activity on various projects in the digital media arts curriculum. Repeatable for credit for up to three units. Two hours of activity per week.

Offered Infrequent

DAN 499. Senior Dance Thesis. (2 Units)

Prerequisites: Dan 430 or permission of instructor. Co-requisite: DAN 340 A capstone course culminating in the production of a final, collaborative project. Selected in consultation with and evaluated by a faculty panel. Restricted to seniors.

Offered Spring

Design (DGN)

DGN 110. Intro to Design Applications. (3 Units)

Introduction to digital imaging using Adobe Photoshop and to vector based art using Adobe Illustrator. Six hours of activity in-class an online per week.

Offered Fall, Spring

DGN 310. Graphic Design 1. (3 Units)

Prerequisite: DGN 110. Introduction to graphic design as a form of visual communication through the use of type, image and form. Projects explore design processes, creative problem solving, and the basic design practices of critiques and discussion. Six hours of activity per week. Fee required.

Offered Fall

DGN 320. Typography 1. (3 Units)

Prerequisites: ART 160 and ART 170. Introduction to basic aspects of letterforms and typography through a variety of projects. Introduction to the historical background, technical considerations, and aesthetic issues of typography. Six hours of activity per week.
Offered Fall

DGN 330. Motion Design 1. (3 Units)

Prerequisite: DGN or DMA 310 or consent of instructor. Introduction to the principles and or elements of motion design. Emphasis on the relationship between typographic principles and fundamentals of animation. Software: Introduction to Adobe After Effects. Six hours of activity per week. Fee required.
Offered Fall

DGN 340. Web Design 1. (3 Units)

Prerequisites: DGN 310 or consent of instructor. Introduction and exploration of the concepts and technologies in web design. Individual and team projects address navigational structures, systems, identity, audience and intent in the design of website prototypes. Six hours of activity per week.
Offered Fall

DGN 345. Illustration 1. (3 Units)

Prerequisites: ART 179 is required; DGN 110 is recommended. Introduction to illustration, with an emphasis on craftsmanship, as well as learning and employing the illustration process. Explores many aspects of the illustration field, giving students a broad view of the discipline. The skills studied will provide a foundation for work in both illustration and animation. Students will explore personal artistic voice, techniques, design, and visual narrative.
Offered Fall

DGN 410. Graphic Design 2. (3 Units)

Prerequisite: DGN 310 is required. Advanced study of graphic design principles and their application to more complex and comprehensive solutions. Course examines the integration of design with civic engagement, through the completion of an awareness campaign addressing social issues. Students work collaboratively on semester long campaign. Six hours of activity per week. Fee required.
Offered Spring

DGN 420. Typography 2. (3 Units)

Prerequisite: ART 347 is required. Advanced analysis and study of typographic design through projects based on the setting of words, sentences and paragraphs. Projects will gradually increase in scope and complexity dealing with multiple levels of hierarchical meaning. Six hours of activity per week. Fee required.
Offered Spring

DGN 430. Motion Design 2. (3 Units)

Prerequisite: DGN 330. Advanced concepts of motion design as they relate to the use of Adobe After Effects and Cinema 4D. Students will work independently on individual projects from concept to final output. Repeatable course. Six hours of activity per week. Fee required.
Offered Spring

DGN 440. Web Design II. (3 Units)

Prerequisites: DGN 340 is required. Intermediate to advanced course in web design, offering in-depth investigation of the planning, design and building of web sites. This course is structured around projects that combine creative exploration and comprehensively learning industry-standard software programs. Six hours of activity per week.
Offered Spring

DGN 445. Illustration 2. (3 Units)

Prerequisite: DGN 345 is required. DGN 110 is recommended. Intermediate elective in illustration focuses on craftsman ship. Reinforces the illustration process learned in level 1. Students will explore multiple areas within illustration, creating several advanced projects, with an emphasis on narrative in illustration as it relates to editorial, publishing, and visual development for animation. Students will build their portfolios and refine their personal artistic voice. Repeatable for credit.
Offered Spring, Summer

DGN 450. Interactive Design. (3 Units)

Prerequisite: DGN 440 is required. This class will show how to build apps and user base responsive design (UX). Students will gain an understanding of the javascript programming language and explore the most current technologies available. Six hours of activity per week. Fee required.
Offered Spring

DGN 460. Portfolio 1 and Internship. (3 Units)

Prerequisite: Senior standing and consent of instructor required. Students will identify and research their career objectives, design their visual identity, start working on their professional portfolio and find and confirm an internship of a minimum of 70 hours to be completed by the end of Portfolio part II. Six hours of activity per week. Fee required.
Offered Fall

DGN 470. Portfolio 2 and Internship. (3 Units)

Prerequisites: Senior standing and consent of instructor. Capstone course involving preparation of essential material for seeking a position in graphic design. Emphasizes the preparation of a graphic design portfolio and resume. Six hours of activity per week. Fee required.
Offered Spring

DGN 494. Independent Study. (1-3 Units)

Individual students will consult with a Design faculty to conduct an independent project in Design. Restricted to juniors and seniors. Department consent required.
Offered As needed

DGN 495. Selected/Variable Topics in Design. (3 Units)

Detailed study Design. Repeatable course.
Offered As needed

DGN 496. Internship. (1-3 Units)

Internship in a Design related field, both on campus and externally. Restricted to juniors and seniors. Department consent required.
Offered As needed

Digital Media Arts (DMA)

DMA 195. Special Topics in Music. (1-3 Units)

Offered As needed

DMA 300. Digital Technology, Culture and the Arts. (3 Units)

Prerequisite: HUM 200 or consent of instructor. Survey of the impact of digital technology on culture and the arts including but not limited to the visual arts, music, dance, video, film, literature, and theatre.
Offered Fall

DMA 310. Tools and Techniques in Digital Media Production. (3 Units)

Prerequisite: Must have junior standing or consent of instructor. Introduction and examination of the fundamental software and hardware tools used in the production of media for digital delivery. Emphasis on creative production techniques and the development of skills required in the digital media industry. Restricted to majors. Offered Fall, Spring

DMA 320. TV Directing I. (3 Units)

Co-requisites: Concurrent enrollment in DMA 323 and DMA 328. Fundamental techniques in producing and directing multi-camera television productions in the studio, and single-camera, film-style programs on location. Emphasis on producer/director skills for performance-based productions in the studio and on location. Six hours of activity per week. Restricted to majors. Offered Fall

DMA 322. TV Directing II. (3 Units)

Prerequisites: DMA 310, DMA 320, DMA 323, and DMA 328 are required. Advanced techniques in producing and directing multi-camera television productions and single-camera, film-style programs in the studio and on location. Emphasis on producer/director skills for drama-based productions. Six hours of activity per week. Restricted to majors. Offered Spring

DMA 323. TV Crew Production. (3 Units)

Co-requisite: Concurrent enrollment in DMA 328 and either DMA 320 or DMA 322. Participation in a variety of crew assignments on production projects in the studio and on location. Repeatable for credit. Six hours of activity per week. Offered Fall, Spring

DMA 324. TV Titling and Animation. (3 Units)

Prerequisite: DMA 310 is required. Introduction to computer-generated titles and basic, two-dimensional animation for television production. Students will explore the aesthetics of graphic design elements for the screen and related software programs. Six hours of activity per week. Restricted to majors. Offered Spring

DMA 325. EFP Videography. (3 Units)

Prerequisites: DMA 310, DMA 320, DMA 323, and DMA 328 are required. Restricted to majors. Application of professional-format videotape recording techniques used in location shooting. Emphasis on using portable lighting systems, reflectors, and location sound recording techniques. Experience in technical aspects of equipment setup, system trouble shooting, and preventative maintenance. Six hours of activity per week. Offered Spring

DMA 326. TV Sound Design. (3 Units)

Prerequisites: DMA 310, DMA 320, DMA 323, and DMA 328 are required. Use of synthesizers, samplers, and MIDI for music scoring, sound effects drop-ins, ADR, and foley in television and stage productions. Six hours of activity per week. Restricted to majors. Offered Spring

DMA 327. Independent TV Production. (3 Units)

Prerequisite: DMA 322 and DMA 323. Aspects of producing television features on an independent-producer basis. Practice in pre-production coordination, location shooting, directing, and editing techniques in the production of a broadcast-quality feature segment for public airing on the University cable TV channel. Repeatable for credit. Six hours of activity per week. Offered Spring

DMA 328. DSLR Video Production. (3 Units)

Co-requisites: DMA 320 and DMA 323 are required. Introduction to the theory and practice of using DSLR photo cameras for video production. Students will learn fundamental techniques for lighting, proper exposure, camera movement, audio recording, and video editing. Offered Fall

DMA 330. Audio Recording. (3 Units)

Prerequisite: Junior standing or consent of instructor. Theory and practice of sound recording. Acoustics, psychoacoustics, microphones and microphone techniques, consoles, mixers, signal processing and multi-track recording techniques. Offered Fall

DMA 331. Audio Recording Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 330. Hands-on experience in studio recording using Pro Tools HD. Live mix to stereo techniques and fundamentals of studio flow path. Three hours of laboratory per week. Offered Fall

DMA 335. Music Synthesis. (3 Units)

Prerequisite: Junior standing or consent of instructor. Production techniques, equipment, theory, and history of electro-acoustic music with an emphasis on MIDI. Psychoacoustics and a conceptual approach to electronic music production using a variety of MIDI-based software. Offered Fall

DMA 336. Music Synthesis Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 335. Hands-on experience in production using hardware and software synthesizers and MIDI in conjunction with Pro Tools, Digital Performer, Reason, and various sequencers for a variety of musical styles. Three hours of laboratory per week. Offered Fall

DMA 346. Digital Media Prod Workshop. (1 Units)

Prerequisite: Consent of instructor. Investigation of a single topic, chosen in consultation with a faculty member, culminating in a paper, presentation, or creative project. Repeatable for credit for up to six units. Offered Fall, Spring, Summer

DMA 400. Strategies for Digital Media Delivery. (3 Units)

Prerequisite: DMA 310. Advanced exploration into the methods and mechanics of informational and entertainment design and delivery. Evaluation of media production strategies including linear and non-linear scripting, conditional branching, and virtual reality via online, optical disc, and hybrid formats. Offered Fall, Spring

DMA 410. Media Arts Projects. (3 Units)

Prerequisites; DMA 320 required. Experience in producing client-based projects for a variety of campus, corporate, or community organizations. Students participate in a variety of activities ranging from video coverage and live sound reinforcement of campus events to writing, filming, recording and editing client-based projects. Offered Spring

DMA 430. Advanced Audio Recording. (3 Units)

Prerequisite: DMA 330 and consent of instructor. A continuation of DMA 330 incorporating digital audio workstations and associated peripheral equipment, signal processing and mastering for optical disc and web delivery, console automation, 5.1 surround mixing techniques, and DVD audio. Offered Spring

DMA 431. Advanced Audio Recording Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 430 and consent of instructor. Practical multi-track session work featuring increased access to studio facilities for individual and group recording projects using Pro Tools HD in conjunction with analog console and Digidesign Command 8 control surface. Three hours of laboratory per week. Offered Spring

DMA 432. Recording Studio Maintenance. (2 Units)

Prerequisites: PHY 331 and concurrent enrollment in DMA 433 is recommended. Installation, maintenance, trouble shooting, and repair of professional audio equipment in a studio environment. Repeatable course. Offered Fall, Spring

DMA 433. Recording Studio Maintenance Lab. (1 Units)

Prerequisites: PHY 331 and previous or concurrent enrollment in DMA 432. Installation, maintenance, trouble shooting, and repair of professional audio equipment in a studio environment. Repeatable course. Three hours of laboratory per week. Offered Fall, Spring

DMA 435. Advanced Music Synthesis. (3 Units)

Prerequisite: DMA 335 and consent of instructor. A continuation of DMA 335. Synthesizer and sampler sound design using a variety of synthesis strategies and concepts. Direct software and hardware sound synthesis theory using software synthesizers such as Tassman and Reason, modular synthesizers and MIDI. Offered Spring

DMA 436. Advanced Music Synthesis Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 435 and consent of instructor. Experience in programming a variety of digital synthesizers including Tassman, Reason, FN-7, and Motu software synthesizers. Three hours of laboratory per week. Offered Spring

DMA 438. Music Production. (3 Units)

Prerequisite: DMA 330, DMA 331 and DMA 431 are required. Analysis of recordings in music production. Spatial and timbral ear-training techniques for recording engineers and producers. Access to Pro Tools HD 5.1 surround system and a variety of engineering and production topics which include surround mixing techniques, advanced microphone techniques, DVD Audio specifications, and DVD authoring. Restricted to majors. Offered Fall, Summer

DMA 439. Music Production Lab. (1 Units)

Prerequisites: DMA 330, DMA 331, DMA 430 and DMA 431 are required. Practice in the production of studio recordings. Responsibility for music composition and arrangements, rehearsal, performance, studio and musician bookings, artist promotion, engineering assistance and artistic direction and management. Interdisciplinary projects involving video or theatre are also possible. Repeatable course. Three hours of laboratory per week. Restricted to majors. Offered Fall, Summer

DMA 447. Audio Projects Lab. (1 Units)

Prerequisite: DMA 331 and DMA 431. Advanced studio session work culminating in passing the Audio Recording Proficiency Exam. Offered Infrequent

DMA 450. Computer Music. (3 Units)

Prerequisite: DMA 435 and consent of instructor. Advanced studies in computer applications in music. Course concentrates on CSOUND and new technologies. Topics will vary with new innovations in the field. Students will have access to Pro Tools LE workstations for individual projects. A-C/NC grading. Offered Summer

DMA 452. Audio Production. (3 Units)

Prerequisite: DMA 430 and DMA 431 are required. Advanced skills in integrating audio production components of voice over, music, and sound effects with graphics, motion graphics and video on multi-media projects that include proposal, interactive design, audio recording, music mixing, mastering, and encoding and authoring to optical disc. Offered Fall

DMA 456. Mixing and Mastering. (3 Units)

Prerequisites: DMA 438 and DMA 439 are required. Theory and practice in various styles of mixing and mastering popular music. Application of panning, equalization, dynamics processing, spatial effects, modulation effects, automation, song sequencing and methods for final delivery. Hardware-based instruction. ITB digital methods and hybrid workflows. Offered Spring

DMA 460. Digital Audio Workstation Concepts. (3 Units)

Prerequisites: DMA 435 and DMA 436 are required. Theory and practice of operating a Digital Audio Workstation using a variety of software programs. Experience in recording session set-ups, grouping, touting techniques, MIDI composition and editing, song structuring, an editing and mixing scenarios for outputting stereo stem mixes. Offered Fall

DMA 490. Senior Seminar. (3 Units)

Prerequisite: DMA 331 and DMA 431. Research projects, chosen in consultation with the instructor, culminating in a paper, presentation, or creative project. Offered Infrequent

DMA 494. Independent Study. (1-3 Units)

Traditional and modern approaches to the study of language. Fundamentals of phonology and grammar. Offered Fall, Spring

DMA 495. Special Topics in DMA. (3 Units)

Study of a single topic or contemporary issue in the entertainment industry of television, film, music, or digital media to be determined by the instructor. Repeatable for credit. Repeatable 3 times for a maximum of 9 units. Offered Infrequent

DMA 496. Internship in the Media. (1-3 Units)

Directed work experience in the television, film, music, or digital media industry under the supervision of a professionally-qualified mentor. CR/NC grading only. Repeatable for credit. Ten hours of work experience per week. Offered Fall, Spring, Summer

DMA 499. Senior Proj Digital Media. (2 Units)

Prerequisite: Senior standing or consent of instructor. A capstone course culminating in the production of a final, collaborative project in conjunction with students from other program options in Digital Media Arts. Selected in consultation with and evaluated by a faculty panel. Offered Fall, Spring

Dual Language Learning (DLL)

DLL 520. Foundations of Critical (Bi) Literacy in Dual Language & Immersion Education. (3 Units)

Explores critical approaches to (bi)literacy instruction in dual language classrooms with attention to literacy learning experiences of LatinX students in U.S. PreK-12 schools. Students will develop a research study to disentangle the sociocultural aspects of literacy learning. Course taught in Spanish.
Offered Fall

DLL 521. Contrastive Linguistics and Assessment for Dual Language Educators. (3 Units)

Focuses on the contrastive analysis of the structures of the Spanish and English languages through the disciplines of Phonology, Morphology, Semantics and Syntax to address issues related to (1) dialectal variation in Spanish and English and (2) linguistic and educational assessments of levels of language acquisition of Spanish and English.
Offered Fall

DLL 523. Academic Discourse and Socio-Emotional Learning. (3 Units)

Course is designed to prepare teachers to think deeply and critically as to how content is taught using academic/professional Spanish as instructors in dual language programs in elementary and secondary schools. The course will also examine issues and interventions related to the social-emotional growth and development of children and youth and encourage reflection on school and community practices. Course taught in Spanish.
Offered Spring

DLL 524. Emergent Learning for Young Dual Language Learners. (3 Units)

To foster leadership skills in elementary bilingual teachers in dual language instruction, research-based practices in dual immersion programs, curriculum design, culturally responsive instructional practice and assessment appropriate for young children. Course taught in Spanish.
Offered Spring

DLL 525. Practices and Strategies for Bi-Literacy Development in Bilingual/Dual Settings. (3 Units)

Course is designed to prepare teachers to be leaders in the field of curriculum design and professional development in dual language instruction in elementary and secondary schools. The focus of the course is on the best practices that develop bi-literacy. Participants will plan and develop curricula both in Spanish and/or sheltered English based on the principles of dual language. Course taught in Spanish.
Offered Spring

Early Start English (ESE)

ESE 1. Early Start English. (1 Units)

Provides students with an opportunity to: practice critical reading and writing necessary for success in college-level classes; engage in discussions in an academic discourse; strengthen grammatical and mechanical skills; and learn appropriate resources and standards important to success in English classes.
Offered Summer

ESE 88. Early Start Developmental Reading. (3 Units)

Intensive work in basic reading and writing skills with emphasis on college-level reading and writing. CSU English Placement Test scores of T-141 or below are required to complete this course prior to enrolling in ENG 110. May be taken concurrently with ESE 099. Graded CR/NC.
Offered Summer

ESE 95. Special Topics in Writing. (1 Units)

Co-Requisite: ESE 195 is required. Workshop model classes provide additional instruction and practice in course content and objectives.
Offered Summer

ESE 99. Early Start Basic Writing Workshop. (3 Units)

English Placement Test T-scores of T-141 or lower. Focus on clear, correct sentences, with an introduction to paragraphing in the context of the essay. Essays concentrate on narrative and personal experience leading to critical exposition. May be taken concurrently with ESE 088. Graded CR/NC.
Offered Summer

ESE 195. Special Topics in Writing. (2 Units)

Co-requisite: ESE 095 is required. CSU Placement Category III and IV. Intensive six-week course introduces students to college writing terms, concepts, and practices.
Offered Summer

Early Start Mathematics (ESM)

ESM 3. Early Start Beginning Algebra. (3 Units)

Integers, rational and real numbers, basic algebraic expressions, ratio, percent, solutions and graphs of linear equations, inequalities, polynomials, applications. Does not count for Bachelor's degree. CR/NC grading.
Offered Summer

ESM 11. Early Start Algebra Review Part 1. (1 Units)

Units of measurement, arithmetic with signed numbers and fractions, word problems, linear equations, applications. Does not count for Bachelor's degree. CR/NC grading.
Offered Summer

ESM 95. Selected Topics. (3 Units)

A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. CR/NC grading
Offered As needed

Earth Sciences (EAR)

EAR 100. Physical Geology. (3 Units)

Prerequisite: Concurrent enrollment in EAR 101 is recommended. Volcanoes, earthquakes, oceanic processes and continental drift. Rock and mineral identification is enhanced by concurrent enrollment in EAR 101. Meets certain general studies requirements, is fundamental to the Geology major, and has wide-ranging applications in art, commerce, public policy, and science. Field Trip.
Offered Fall, Spring

EAR 101. Physical Geology Laboratory. (1 Units)

Prerequisite: Concurrent enrollment in EAR 100 is recommended. Nature and origin of rocks and minerals through determination of physical properties of specimens. Topographic and geologic map analysis. Geological features from stereoscopic air photos. Recommended elective for students interested in the outdoors, archaeology, mineral deposits, land use, and natural hazards.

Offered Fall, Spring

EAR 200. Earth History and Evolution. (3 Units)

Prerequisite: EAR 100, EAR 101, and concurrent enrollment in EAR 201. This course covers the evolution of the Earth's dynamic systems and their record through geologic time. Emphasizes interactions between the physical, chemical, and biological components of the Earth system. Includes development of the geologic time scale, origin of the planet, early life, biological evolution, the fossil record, mass extinctions, and climate change.

Offered Spring even

EAR 201. Earth History Lab. (1 Units)

Prerequisite: Concurrent enrollment in EAR 200. Laboratory analysis of depositional processes and ancient environments. Topics include radiometric dating, geologic maps, facies analysis, fossil records, and stratigraphic correlations. Three hours of laboratory per week

Offered Spring even

EAR 312. Natural Disasters. (3 Units)

Prerequisite: Completion of lower division General Education. Examines the impact of natural events on human activities and vice versa. Mankind's uneasy relationship with atmosphere, oceans and not-so-solid Earth. Examines the study of earthquakes, volcanoes, floods, landslides, tsunamis, climate change, hurricanes, tornadoes, and wildfires.

Offered Fall, Spring, Summer

EAR 370. The World Ocean. (3 Units)

Prerequisite: EAR 100 or GEO 200 is recommended. This course introduces global oceanographic phenomena and emphasizes the interdisciplinary nature of ocean processes, including the ocean's role in regulating Earth's climate. Topics include the physical and chemical characteristics of seawater, and the vertical and spatial distributions of temperature, salinity, gases, and density; surface and deep-water circulations

Offered Spring odd

EAR 376. Field Mapping. (3 Units)

Prerequisites: EAR 100 and EAR 101 are required, or consent of instructor. Introduction to geological and environmental field mapping. Techniques include working with topographic maps and remotely-sensed images, use of Brunton compass traverse methods, and interpretation of sedimentary rocks and geological structures (faults, folds). Applications to geotechnical work, resource management, environmental and archaeological surveys, and outdoor education activities. Eight hours of laboratory and one-half hour of lecture per week.

Offered Spring even

EAR 410. Environmental Geology. (3 Units)

Study of human interaction with the geologic environment. Mitigating exposure to geological hazards (earthquakes, volcanic eruptions, landslides); environmental consequences of geological resource (fossil fuels, minerals, water) extraction and consumption; surface and groundwater contamination; acid rain; climate change; waste burial.

Offered Spring odd

EAR 416. Earth Science for Teachers. (3 Units)

Prerequisites: Completion of lower division General Education. Study of planet Earth featuring units in geology, oceanography, weather, and astronomy, as appropriate for elementary and secondary school teachers. Two hours of lecture and three hours of laboratory per week

Offered Fall, Spring, Summer

EAR 450. Plate Tectonics and the Rock Cycle. (4 Units)

Prerequisites: EAR 100 and EAR 101 are required. Study of plate tectonic processes and how they relate to the formation of rocks and the rock cycle. Includes earthquakes, volcanic activity, hot spots and plate boundary types.

Offered Fall even

EAR 460. Global Change. (3 Units)

An interdisciplinary introduction to the science of understanding global change natural as well as anthropogenically induced. Key topics include the physical climate system and its variability, the carbon cycle, land and water issues, and the impact of global change on society.

Offered Fall even

EAR 476. Groundwater. (3 Units)

Prerequisites: EAR 100 and EAR 101 are required. CHE 108 or CHE 110 is recommended. Study of the movement of underground water through geological layers. Topics include the geological characteristics of aquifers, wells, and connectivity with surface water resources. Includes groundwater chemistry and contaminant transport, plus considerations for the management of groundwater resources.

Offered Fall even

EAR 478. Engineering Geology. (3 Units)

Prerequisite: EAR 450. Evaluation and abatement of geologic hazards affecting construction projects and land use. Landslides, groundwater pollution, subsidence, flooding, and earthquake effects. Mechanical properties of rocks and soils. Case histories and site investigations. Application to business, law, construction engineering and environmental studies. Two hours of lecture and three hours of laboratory per week.

Offered Infrequent

EAR 490. Sr Sem In Earth Sciences. (1 Units)

Prerequisite: Senior standing in Earth Sciences or consent of instructor. Study and discussion of current research in Earth Sciences. Techniques of oral presentation, library research and preparation of audiovisual materials. One hour of seminar per week.

Offered Infrequent

EAR 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. Independent study of a particular earth science or environmental topic under the supervision of an Earth Science faculty member.

Offered Fall, Spring

EAR 495. Advanced Top In Ear Sci. (3 Units)

Selected topics in Earth Science with course content to be determined by instructor. Repeatable course.

Offered Spring

EAR 496. Internship In Earth Sci. (1-3 Units)

Prerequisite: Consent of instructor. Employment as an assistant or volunteer in an earth sciences-related firm or government agency. Course may run at time convenient to student and employers, including summer. Student should contact Department faculty three months prior to enrollment. CR/NC grading. Repeatable course.

Offered Fall, Spring

EAR 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. Research of a particular earth science or environmental problem under the direction of an Earth Science faculty member.

Offered Fall, Spring

Economics (ECO)

ECO 200. Contemporary Econ Issues. (3 Units)

An examination of contemporary economic institutions, issues, and problems as they affect various groups in our society. Familiarization with basic analytical tools and techniques necessary for studying current issues.

Offered Infrequent

ECO 210. Economic Theory 1A Micro. (3 Units)

Introductory microeconomic theory; resource allocation, output determination; production theory, income distribution.

Offered Fall, Spring, Summer

ECO 211. Economic Theory 1B Macro. (3 Units)

Introductory macroeconomic theory; national income accounting, national income determination, monetary and fiscal policy.

Offered Fall, Spring, Summer

ECO 230. Statistics For Economists. (3 Units)

Introduction to probability theory, estimation of population proportions, means, variances, hypothesis tests, statistical inference and decision-making using multivariate analysis, basic regression analysis, and Bayesian techniques; computer assisted workshops/studies.

Offered Infrequent

ECO 310. Intermed Microeconomics. (3 Units)

Prerequisite: ECO 210. Role of prices in product and factor markets, principles of production and costs, business behavior under various types of market structure, general equilibrium and welfare economics.

Offered Infrequent

ECO 311. Intermed Macroeconomics. (3 Units)

Prerequisite: ECO 211. Measurements and analysis of the determinants of national income, employment and the general price level. Theoretical foundations of contemporary monetary and fiscal policies.

Offered Infrequent

ECO 315. American Economic History. (3 Units)

Development of the American economy, organizational patterns and institutions, from settlement to the present, with emphasis on the interaction of social, political, and economic phenomena.

Offered Infrequent

ECO 322. Money And Banking. (3 Units)

Prerequisites: ECO 210 and ECO 211. Nature and functions of money and its relation to prices; the monetary system of the United States; the functions of banks, bank-credit, foreign exchange and monetary control.

Offered Infrequent

ECO 327. Public Finance. (3 Units)

Prerequisites: ECO 210 and ECO 211. Economic principles underlying public administration. Concepts of socially efficient resource allocation and provision of public goods. Emphasis on fiscal functions of federal, state and local governments, the allocation of resources between government and private use.

Offered Infrequent

ECO 340. International Trade Thry. (3 Units)

Prerequisites: ECO 210 and ECO 211. Classical and modern theories of international trade, theory and practice of protection, commercial policies, balance of payment adjustments and regional trade organizations.

Offered Fall

ECO 341. International Finance. (3 Units)

Prerequisites: ECO 210 and ECO 211. Analysis of international financial transactions, capital movements, international financial organizations, balance of payments, key currencies and exchange rates. Comparison of alternative international monetary systems.

Offered Spring

ECO 345. Economic Development. (3 Units)

Prerequisites: ECO 210 and ECO 211. Theories of economic development. Contemporary economic structure of low income countries. Causes of limited economic growth. Policy alternatives.

Offered Fall

ECO 350. Quantitative Analysis. (3 Units)

Prerequisites: ECO 210 and ECO 310. Construction and application of mathematical models to economic and business decision-making. Modeling techniques including the Lagrange multiplier technique, optimal control theory, and differential game theory. Two hours of lecture and two hours of technical activity.

Offered Infrequent

ECO 351. Intro To Econometrics. (3 Units)

Prerequisites: ECO 230. Application of statistical techniques to the problem of testing the validity of behavioral relationships suggested by economic theory. Topics include regression analysis, time series models, forecasting, and decision making. Applications performed on the computer. Two hours of lecture and two hours of technical activity.

Offered Infrequent

ECO 375. Industrial Organization. (3 Units)

Prerequisites: ECO 210 and ECO 211. Current issues of industrial organization, concentration, and diversification. Anti-trust policy.

Offered Infrequent

ECO 380. Economics Of Urban Areas. (3 Units)

Economic factors underlying and following from the urbanization of modern societies. Current problems such as urban decay, air and water pollution, transportation construction, education, racial concentration, and city-state and city-federal relationships.

Offered Infrequent

ECO 384. Economics Of Health. (3 Units)

Prerequisite: ECO 210 or consent of instructor. Deals with topics such as supply and demand for health services, prices and cost of health care, fiscal resources and allocations, health insurance and methods of reimbursement, and influences of Medicaid and Medicare and health care consumption and delivery.

Offered Infrequent

ECO 494. Independent Study. (1-3 Units)

Prerequisites: ECO 210 and ECO 211, and consent of instructor are recommended. Individual study of some topic or problem under the supervision of a member of the Economics Department. Repeatable course.

Offered Infrequent

ECO 495. Special Topics In Econ. (3 Units)

A course focusing on selected topics in economics, such as economics of inflation, health, education, ecology, oil spills, and risk and insurance. Repeatable course.

Offered Infrequent

Education (EDU)

EDU 470. Individual Learning Plan Development. (3 Units)

Induction candidates gain the knowledge and skills to develop a professional individualized Learning Plan that focuses on improving teacher performance via inquiry and formative assessment of their teaching practice to improve student learning.

Offered Fall, Spring

EDU 474. Individual Learning Plan Completion. (3 Units)

Prerequisite: EDU 470 is required. Induction candidates complete a professional Individualized Induction Plan that focuses on teacher performance via inquiry and includes a comparison of formative and summative assessment of their teaching practice to improve student learning.

Offered Fall, Spring

Educational Leadership Justice (ELJ)

ELJ 700. Leadership for Justice (Self). (3 Units)

Introduces candidates to the program and the liberatory/justice leadership framework providing the foundation Exploration of leadership models, positionality, intersectionality, purpose and leadership identity for enacting leadership using a justice lens begins for each candidate.

Offered Summer

ELJ 705. Leadership for Justice (Organizations). (3 Units)

Focuses on candidates identifying key aspects of their organization that are critical to justice leadership. Data driven decision-making, utilization of all sources of data and information and the identification of actions to promote justice will be addressed.

Offered Summer

ELJ 710. Leadership for Systems Thinking. (3 Units)

Takes candidates deeper into the context of their own organization to analyze their systems and the framing that guides them. In addition, focuses on the implications identified as structural, social and psychological barriers.

Offered Fall

ELJ 715. Leadership for Praxis. (3 Units)

Focuses on the identification of justice focused relational obligations, accountability, governance and communication within organizations.

Offered Fall

ELJ 720. Leadership for Participatory Liberation. (3 Units)

Designed to build candidates' knowledge and capacity to address systemic racism in their organization. Focuses on aspects of racism and its manifestation in beliefs, values and inequitable stances present in their workplace

Offered Spring

ELJ 725. Leadership for Supportive and Inclusive Communities. (3 Units)

Asks candidates to focus on themselves, their organization, and the larger community that they serve. Utilizing the mindset and moves of liberatory leadership, candidates examine their values, principles, and ethics using supportive, inclusive and humanizing practices.

Offered Spring

ELJ 730. Assessments, Evaluation, and Design Thinking. (3 Units)

This course will introduce candidates to program evaluation and the cyclical of assessing processes and structure to investigate organizations' areas of strength and challenges for internal change and improvement.

Offered Summer

ELJ 735. Politically Intelligent Leadership. (3 Units)

The course will teach candidates how to interpret and utilize laws and policies to better understand political structures(organizations), Justice Leadership, and their responsibility as a justice leader (self).

ELJ 740. Leadership for Learning, Development, and Organizational Transformation. (3 Units)

This course focuses on the human potential within organizations for sustainable growth based on rational aspects and formulating a plan for individual and collective growth.

ELJ 745. Cosmopolitan Leadership. (4 Units)

Candidates revisit their positionality as researchers, leaders, and members of the global community ensuring that they foster a culture of authenticity and liberation in their organizations. Candidate will self-interrogate to clarify their leadership growth and experience in the program.

ELJ 760. Research Design. (3 Units)

Examination of research methodologies including ethical and foundational aspects of educational research as applied in justice-focused leadership practices. Topics include research skills, identifying educational problems, evaluating research, understanding qualitative and quantitative research literature, and IRB. The CITI is completed.

Offered Fall

ELJ 762. Advanced Quantitative Research methods. (3 Units)

Advanced hypothesis testing using quantitative methods, including research designs used to dismantle inequities. Statistical analyses using t-test, analysis of variance, factorial analysis of variance, multiple regression, and chi-square, with an emphasis on research questions addressing justice focused interpretations of results

ELJ 764. Advanced Qualitative Research Methods. (3 Units)

In- depth study of qualitative research methods, analysis and interpretation for understanding and application to advance the change in leadership to support equity and justice will be the focus for this course. Ethnographic interviews, participant and naturalistic observation, document analysis and other qualitative data analyses will be emphasized.

ELJ 766. Action Research design & Mixed Methods. (3 Units)

Exploration of the principle and methods used in participatory action research, including using mixed methods, review of current research, full participatory of research participants, validity, ethical issues, data collection, and social action for social justice.

ELJ 771. Research Seminar I. (1 Units)

A seminar-format course designed to introduce students to the academic and reflective writing skills needed for dissertation proposals.

Offered Spring

ELJ 772. Research Seminar II. (1 Units)

A seminar-format courses designed to develop students' academic and reflective writing skills for doctoral student preparing to write their dissertation proposals.

Offered Summer

ELJ 773. Research Seminar III. (1 Units)

A seminar- format Course designed to advance doctoral students' academic and reflective writing, skills, following American Psychological Association (APA) guidelines.

ELJ 774. Research Seminar IV. (1 Units)

A seminar-format course designed to advance doctoral students' academic and reflective writing skills, including their writing, and their proposed data collection plan for their proposed data collection plan for their dissertation following American Psychological Association guidelines.

ELJ 775. Research Seminar. (1 Units)

A seminar-format course designed to enhance students' skills in critiquing theirs and others academic writing for their dissertation proposal, and explaining research for justice in leadership.

ELJ 780. Dissertation Seminar I. (0 Units)

In this course candidates develop a dissertation that identifies and educational issue or practice within a particular community; review professional literature from multiple disciplinary perspectives; design appropriate research to investigate the issue; and begin data collection.

ELJ 781. Dissertation Seminar II. (3 Units)

In this course candidates develop their dissertation with ongoing, supported advising on data analysis implications, and conclusions. This course will also support their oral and written dissertation defense.

ELJ 785. Dissertation Writing I. (3 Units)

This course is designed for dissertation chairs and their candidates to work together to engage in dissertation development and writing.

ELJ 786. Dissertation Writing II. (3 Units)

The course is designed for dissertation chairs and their candidates to work together to engage in dissertation development and writing.

ELJ 800. EdD Continuation Course. (1 Units)

EdD candidates who have completed their course work but not their dissertation. Signature of EdD Program Director required.

English (ENG)

ENG 107. Reading & Writing LA. (3 Units)

Through reading and writing about place and identity, students are introduced to threshold concepts in writing studies to increase their metacognitive skills, deepen their sense of belonging, and strengthen their growing academic identities.

Offered Summer

ENG 108. Freshman Composition I: Stretch 1. (3 Units)

College-level reading and writing taken over two terms (ENG 108/109) that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research and practice of conventions. CR/NC grading.

Offered Fall

ENG 109. Freshman Composition I: Stretch 2. (3 Units)

College-level reading and writing taken over two terms (ENG 108/109) that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research and practice of conventions. Graded A-C-/NC.

Offered Spring

ENG 110. Freshman Composition Accelerated. (3 Units)

College-level reading and writing that develops rhetorical knowledge and critical thinking and engages students in writing processes. Graded A-C-/NC.

Offered Fall, Spring

ENG 111. Freshman Composition II. (3 Units)

Prerequisite: ENG 110 or equivalent. Reinforcement of basic writing skills with emphasis on persuasion and argumentation, including a documented essay. Aids in writing convincing arguments and assembling, organizing, and documenting evidence supporting a thesis. Graded A-C-/NC.

Offered Fall, Spring, All terms

ENG 112. Freshman Composition Supported. (3 Units)

College-level reading and writing that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research, and observation of conventions. A-C-/NC grading.

Offered Infrequent

ENG 150. Languages of the World. (3 Units)

Introduction to linguistics as a social science. Includes an overview of the world's languages and language families, with an investigation of how social issues and language impact each other. Not open for credit toward the English major.

Offered Fall, Spring

ENG 194. Independent Study in English. (1-3 Units)

Offered As needed

ENG 195. Special Topics in Composition. (1-4 Units)

Offered Infrequent

ENG 202. English Literature to 1642. (3 Units)

Survey of British poetry, drama, and prose to 1642. Offered Fall, Spring

Offered All terms

ENG 203. English Literature: 1642-1832. (3 Units)

Survey of British poetry, drama, and prose, 1642-1832. Offered Fall, Spring.

Offered Fall, Spring, Summer

ENG 204. English Literature: 1832- Present. (3 Units)

Survey of British poetry, drama, and prose, 1832- present. Offered Fall, Spring

ENG 205. Literary Genres and Devices. (3 Units)

Prerequisite: Completion of GE Area A2: Written Communication.

Introduces a series of literary genres including stories, poems, plays, essays, and the novel, with characteristic devices including point of view, symbol, plot and imagery.

Offered Fall

ENG 210. Study of Language. (3 Units)

Prerequisite: Completion of G.E. Area A2. Forms of prose fiction from different periods and national literatures. Written exercises required.

Offered Fall, All terms

ENG 230. Literature and Popular Culture. (3 Units)

Ways of reading literature and popular culture to enhance understanding, appreciation, and enjoyment. Requires frequent writing assignments.

Offered Fall, Spring

ENG 240. American Literature to 1865. (3 Units)

Offered All terms

ENG 241. American Literature after 1865. (3 Units)

Intensive study of selected American works after 1865, with reading across periods, genres, and traditions, including texts by underrepresented and marginalized groups. Offered Fall, Spring.

Offered All terms

ENG 271. Introduction to Creative Writing. (3 Units)

Experiences in creative writing through encounters with selected literary works.

Offered Fall, Spring, Summer

ENG 302. English Literature to 1642. (3 Units)

Prerequisite: Completion of G.E. Area A2 Written Communication . Survey of British poetry, drama, and prose to 1642.

Offered Fall, Spring

ENG 303. English Literature: 1642-1832. (3 Units)

Prerequisite: Completion of G.E. Area A2: Written Communication. Survey of British poetry, drama, and prose, 1642-1832.

Offered Fall, Spring

ENG 304. English Literature: 1832-Present. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Survey of British poetry, drama, and prose, 1832-present.

Offered Fall, Spring

ENG 305. Critical Reading of Literature. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Analysis of literature to develop critical reading skills. Intended for students in Liberal Studies and Linguistics; may not be counted toward major/minor in English with Literature option. Written exercises required.

Offered Fall, Spring, Summer

ENG 306. Backgrounds of Literature. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Survey of traditional sources of world literature, including Greek and Roman mythology, Old and New Testaments, and early traditions of Asia, Africa, and the Americas

Offered Spring

ENG 307. Practice in Literary Criticism. (3 Units)

Prerequisite: Completion of G.E. Area A2: Written Communication. Practice in literary criticism from contemporary theoretical perspectives. For Literature majors and minors in English. Written exercises regularly required.

Offered Fall, Spring

ENG 308. Critical Approaches to Children's Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. Critical analysis of children's literature from its inception to the present including the concept of the child as a historical, social, cultural, and political construct. Examines genre and form in literary and visual works from various perspectives. 3 hours lecture.

Offered Fall, Spring, Summer

ENG 311. Phonology. (3 Units)

Prerequisite: Completion of G.E. Area A2. The phonetics of a variety of languages and the phonetic phenomena that occur in natural languages. Practice in the perception and transcription of such phenomena. Introduction to the traditional and current views of phonological theory.

Offered Fall, All terms

ENG 312. Morphology. (3 Units)

Prerequisite: Completion of G.E. Area A2. Descriptive and historical (etymological) analysis of the structure of words in English and other languages: common roots, base forms, and affixes; rules of word formation; semantic change.

Offered Spring

ENG 314. English Syntax: Traditional. (3 Units)

Prerequisite: Completion of G.E. Area A2. The structure and meaning of sentences, approached through traditional models of grammar; the role of syntax in writing and composition.

Offered Fall, Spring, All terms

ENG 315. Theoretical Syntax. (3 Units)

Prerequisite: Completion of G.E. Area A.1. The structure and meaning of sentences approached through any current theoretical model of syntax.

Offered Fall

ENG 317. Black English Language and Culture. (3 Units)

This course examines the linguistic features and the cultural, social, historic, and communicative aspects of Black English in the US and across the African and African American diaspora. Students will learn how to create community-based research to explore the past, present and future of Black English in a globalized society and in educational discourse. Students will then learn the writing conventions of sociolinguistics research and critically reflect on our own intersectional experiences and interactions with Black English, in order to position ourselves as sociolinguists within the broader scholarly and academic community. A grade of C or better in this course fulfills the GEAR requirement for Linguistics majors.

Offered Spring, All terms

ENG 320. Literacy, Power, and Identity. (3 Units)

Exploration of literacy as a sociocultural practice. Connections between literacies, individuals and social identities, social and political power structures, and their pedagogical implications

ENG 325. Poetry. (3 Units)

Prerequisite: Completion of G.E. Area A2. Analysis of various forms of poetry, with an emphasis on American and British writers from various eras. Students will learn and apply conventions of oral poetry. Written exercises required.

Offered Fall, Spring

ENG 326. Prose Fiction. (3 Units)

Offered Fall

ENG 327. Drama. (3 Units)

Prerequisite: Completion of G.E. Area A2. Forms of drama by major playwrights from different periods and national literatures. Written exercises required.

Offered Spring

ENG 335. Readings in World Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. Intensive study of selected major writers from the world's literature, read in translation.

Offered Fall, Spring

ENG 340. American Literature to 1865. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of selected American works.

Offered Fall, Spring

ENG 341. American Literature: 1865-Present. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of selected American works.

Offered Fall, Spring

ENG 342. African American Literature. (3 Units)

Study of works by African American authors. Historical development of the tradition from its beginnings to the present. Genres include poetry, drama, fiction, and autobiography. Key themes include connections to folk and oral traditions and the role of literature in social protest.

Offered Fall, Spring

ENG 343. African-American Poetry and Drama. (3 Units)

Prerequisite: ENG 111. Historical development of African-American poetry from its roots. Study of major African-American plays. Focus on poetry and drama as media informing particular aspects and textures of the Black American experience.

Offered Infrequent

ENG 344. African-American Prose. (3 Units)

Prerequisite: ENG 111. Selected African-American works of fiction and non-fiction. Analysis of themes, techniques and symbols. Special attention given to folkloric elements; i.e., blues, dozens, folktales, etc., as they are employed in the literature.
Offered Infrequent

ENG 345. Latino/a Literature. (3 Units)

Prerequisite: ENG 111. Study of works by U.S. Latino/a authors. Attention to historical and cultural contexts. Comparative analyses of themes such as identity and community with respect to race, class, gender, sexuality, migration and citizenship.
Offered Fall, Spring

ENG 346. Native American Literature. (3 Units)

Study of works by indigenous writers of North America in their historical, cultural, and tribal contexts. Readings across periods and multiple genres (fictions, poetry, memoir, oral traditions). Key topics include race, gender, sexuality, class nationality and sovereignty. Prerequisite: Completion of G.E. Area A.1. Composition

ENG 347. Literature of Ethnicity and Gender. (3 Units)

Prerequisite: Completion of first year composition. Readings in such areas as Latino American, Asian American, and women's literature. Topic will vary. May be repeated up to six units for the major or minor in English.
Offered Fall, Spring

ENG 350. Advanced Composition. (3 Units)

Prerequisite: Completion of GE Area A2 Written Communication. Continued study of writing processes and rhetorical communication, with emphasis on literacy within and across disciplinary contexts and how to negotiate the attitudes and conventions of various discourse communities. May not be counted toward major/minor in English. Satisfies Graduation Writing Assessment Requirement (GWAR). Graded A-C/NC.
Offered Fall, Spring, Summer

ENG 351. Composition for Elementary School Teachers. (3 Units)

Prerequisite: Satisfaction of the GWAR. Advanced writing course. Focus on children's writing development, writing process and techniques for teaching composition, and further development of writing abilities of prospective elementary school teachers.
Offered Infrequent

ENG 352. Writing and Speaking Skills for Management. (3 Units)

Prerequisites: Satisfaction of the GWAR. Principles and skills of effective communication within organizational management. This course concentrates on eliciting desired responses through various types of business communication in writing. May be counted only once toward major/minor and twice for elective credit. Graded A-C/NC. Repeatable course.
Offered Infrequent

ENG 360. Heroes and Antiheroes. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Students will investigate the cultural assumptions and implications lying behind the archetypes of heroism and anti-heroism. Texts will be drawn from mythology, literature, stage drama, and film, with side glances at philosophy and psychology.
Offered As needed

ENG 362. Environment in Literature & Culture. (3 Units)

Prerequisite: Completion of G.E. Area A2 Composition. Analysis of the influence of environment on literature with attention to rural vs. urban spaces, nature vs. culture, climate change and environmental justice.
Offered As needed

ENG 364. Literary Utopia. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Critical study of traditions of utopian and dystopian literature, with emphasis on genre definitions and intersections with science fiction, fantasy, history, philosophy, and politics.
Offered As needed

ENG 398. Directed Research. (1-3 Units)

Prerequisites: Senior standing and consent of instructor. Investigations in the historical and/or theoretical foundations of modern linguistics. Repeatable course. Three hours of seminar per week.
Offered Infrequent

ENG 413. History of the English Language. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. The evolution of English from its Indo-European origins, through Old and Middle English, to the rise and spread of Modern English.
Offered Fall, All terms

ENG 414. American English. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. American English from colonial times to the present. Contacts with native, colonial, and immigrant languages and regional, social, and ethnic dialects.
Offered Spring

ENG 419. Psycholinguistics. (3 Units)

Prerequisite: Completion of G.E. Area A2. ENG 210 or ENG 314 or one course in psychology. Current theory and research in the psychology of language and its historical background, including experiments on speech production and comprehension, acquisition of language by children, and disorders of speech and language.
Offered Infrequent

ENG 420. Linguistic Analysis. (3 Units)

Prerequisite: Completion of G.E. Area A2. ENG 311 or ENG 314. Descriptive and formal analysis of phonological, syntactic, and/or historical data from a variety of human languages. Repeatable for credit.
Offered Fall

ENG 433. Thematic Approaches to Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. An exploration of literature organized around such themes as Women Writers or Death and Dying, using works from a variety of cultures and historical periods. Repeatable course.
Offered Infrequent

ENG 451. Advanced Creative Writing. (3 Units)

Prerequisites: ENG 111 and consent of instructor. Practice in various forms of imaginative writing. Repeatable course.
Offered Spring

ENG 457. Advanced Composition for Teachers. (3 Units)

Prerequisite: Satisfaction of the GWAR. Advanced writing course for prospective secondary school teachers, designed to develop understanding of writing process and techniques for teaching composition. Course also stresses development of students' own strengths as writers.
Offered Fall

ENG 465. Chaucer. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Chaucer's major poetry, its historical and literary background.
Offered Fall

ENG 467. Shakespeare. (3 Units)

Prerequisite: ENG 307 is required. Literary analysis of selected comedies, histories, and tragedies. Students will learn and apply performative aspects of Shakespeare's plays.

Offered Fall, Spring, All terms

ENG 472. Creative Nonfiction Workshop. (3 Units)

Practice in various forms of contemporary creative nonfiction, such as memoir, essay, literary journalism. Analysis of a wide range of models, exercises in invention techniques, discussion of writing processes, and workshopping of students' drafts and revisions. Repeatable for credit.

Offered Fall

ENG 473. Writing Center Theory and Practices. (3 Units)

The history and theoretical foundations of writing centers and writing tutoring. Frequent writing assignments as well as best practices in the teaching of writing.

Offered Spring, Summer

ENG 476. Individual Authors and Topics Pre-1700. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of a major author, group of authors, or focused topic from the pre-1700 period.

Offered Fall

ENG 477. Individual Authors and Topics Post-1700. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Intensive study of a major author, group of authors, or focused topic from the post-1700 period.

Offered Spring

ENG 478. Current Issues in Rhetoric and Composition. (3 Units)

Intensive study of selected topics in rhetoric and composition such as invention and teaching of writing, issues in literacy instruction, rhetoric and contemporary culture, composition and cognitive development, the composing process in a rhetoric framework, linguistic approaches to rhetoric. Three hours of seminar per week. Offered Fall.

ENG 485. Literary, Media and Culture Studies. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Practice in devising strategies appropriate to the needs of students in grades 7-12. Emphasis on techniques of developing textual, media, and cultural literacies, of analyzing genres, of making literature, media, and popular culture accessible, and of generating essay topics from these sources.

Offered Spring

ENG 486. ESL Teaching Methods. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Investigation of approaches, methods, and techniques used in second language instruction.

Offered Spring

ENG 487. Introduction to Second-Language Learning and Teaching. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Focus on linguistic, social, and cultural factors in schooling language-diverse students. Areas of concentration include first and second-language acquisition, history of second-language teaching, current second-language theoretical frameworks, and dual language teaching strategies.

Offered Fall, Spring

ENG 490. Seminar in Literature. (3 Units)

Prerequisite: Consent of instructor. Intensive study of one or more authors, a single historical period, a literary movement or genre, or an aspect of literary criticism. This course examines disciplinary discourse through formal and informal written assignments that stress the importance of literary analysis, research, and revision. Repeatable course. A grade of C or better in this course fulfills the GWAR requirement for all English Literature and English Education majors and minors.

Offered Fall, Spring

ENG 492. Seminar in Linguistics. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Study of American writers, texts and topics primarily before 1900. Repeatable course. Three hours of seminar per week.

Offered Spring, All terms

ENG 494. Independent Study. (1-4 Units)

Prerequisites: Consent of instructor and department chair. Intense reading or an original research project or creative writing under faculty supervision. Arrangements must be made a semester in advance of registration. Repeatable course.

Offered As needed, All terms

ENG 495. Special Topics in English. (3 Units)

Variable authors and texts, literary periods, or analytical approaches and methodologies. Uses upper-division research techniques to produce sustained critical arguments.

Offered As needed

ENG 496. Internship. (1-3 Units)

Prerequisite: Consent of Instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities. Repeatable course. Credit/no credit grading.

Offered As needed

ENG 497. Directed Reading. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under faculty supervision. Repeatable course.

Offered Infrequent

ENG 498. Directed Research. (1-3 Units)

Offered Infrequent

ENG 501. Advanced English Studies. (3 Units)

Prerequisites: Graduate Standing or Consent of instructor. Introduces students to the interdisciplinary fields of English studies, including literature, rhetoric and composition, and linguistics. This course fulfills the Oral Requirement of the MA in English: Literature Option and MA in English: Literature Option with Rhetoric and Composition.

Offered Fall

ENG 513. History of English Language. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. The evolution of English from its Indo-European origins, through Old and Middle English, to the rise and spread of Modern English.

Offered Fall odd

ENG 514. American English. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. American English from colonial times to the present. Contacts with native, colonial and immigrant languages and regional, social and ethnic dialects.

Offered Fall even

ENG 530. Seminar: Studies in Medieval Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. A study of major works in English literature before 1500. Some focus on major continental analogues and critical methodology. Majority of the texts read in translation. Repeatable course. Three hours of seminar per week. Offered Spring

ENG 535. Seminar: Studies in Renaissance Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major works in English literature from 1500-1660. Emphasis on such representative writers as More, Spenser, Shakespeare, Marlowe, Jonson, Donne, Bacon and Milton. May include continental contemporaries such as Montaigne and Machiavelli. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 540. Seminar: Studies in Restoration and Eighteenth-Century Literature (1660-1798). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Consent of instructor and department chair. Literature of the Restoration, Neoclassic, and Sensibility eras. May include readings that provide historical, philosophical, or cultural content. Repeatable course. Three hours of seminar per week. Offered Spring even, All terms

ENG 543. Seminar: Studies in Romantic Literature (1798-1832). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Consent of instructor and department chair. Selected studies in the Romantic movement in English literature, including such precursors as Burns and Blake. Repeatable course. Three hours of seminar per week Offered Fall odd

ENG 545. Literary Criticism. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major works in literary criticism selected from Plato to the present. Offered Spring, All terms

ENG 546. Seminar: Studies in Victorian Literature (1832-1901). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. A study of major writers from the Great Reform Bill to the fin de siècle with an emphasis on literary responses to emerging scientific thought, social consciousness, and religious issues. Repeatable course. Three hours of seminar per week. Offered Fall even

ENG 549. Seminar: Modern British Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Selected literary study of the modern period in England, Ireland, and the Commonwealth, as typified by such novelists and poets as Conrad, Yeats, Lawrence, Joyce, Woolf, Forster, Eliot, Auden, Thomas, Greene, and Lessing. Repeatable course. Three hours of seminar per week. Offered Spring

ENG 552. Sem: Studies In American Literature to 1900. (3 Units)

Prerequisites: Consent of instructor and department chair. Comparative study of genres, literary movements, or authors over more than one period. Repeatable course. Three hours of seminar per week. Offered Spring odd

ENG 555. Seminar: Studies in American Literature After 1900. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Study of American writers, texts, and topics primarily after 1900. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 570. Seminar in Writing. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Intensive training in writing. Advanced study of techniques of prose discourse. Frequent writing assignments. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 571. Discourse Analysis. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Analysis and description of structures and functions of language beyond the sentence level. May include textual and conversational analysis; classical rhetorical canons; speech acts; scripts/information structures; cohesion, coherence, deixis; spoken and written discourse. Three hours of seminar per week. Offered Spring

ENG 572. Creative Nonfiction Workshop. (3 Units)

Practice in various forms of contemporary creative nonfiction, such as memoir, essay, literary journalism. Analysis of a wide range of models, exercises in invention techniques, discussion of writing processes, and workshopping of students' drafts and revisions. Repeatable for credit. Offered Fall

ENG 573. Writing Center Theory and Practices. (3 Units)

Prerequisite graduate standing or Consent of Instructor. The history and theoretical foundations of writing centers and writing tutoring. Frequent writing assignments as well as best practices in teaching of writing.

ENG 574. Research Methods and Discourses in Composition and Rhetoric. (3 Units)

Advanced study in research methodologies, scholarly discourses, and means of knowledge production in composition/rhetoric and writing studies. Frequent writing and hands-on practice in text-based and empirical approaches to inquiry. Three hours of seminar per week.

ENG 575. Teaching Of Composition. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Theory and practice in teaching composition. Three hours of seminar per week. Offered Fall

ENG 576. History and Theories of Rhetoric. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major theories of rhetoric from ancient Greece to the present. Role of rhetoric in the history of ideas. Emphasis on multiple notions of rhetoric and attitudes toward it. Three hours of seminar per week. Offered Spring

ENG 577. Current Issues in Rhetoric and Composition. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Intensive study of selected topics in rhetoric and composition such as invention and the teaching of writing, issues in literacy instruction, rhetoric and contemporary culture, composition and cognitive development, the composing process in a rhetorical framework, linguistic approaches to rhetoric. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 581. Semantics, Pragmatics and Discourse. (3 Units)

Overview of semantics and the major approaches to pragmatics and discourse analysis. Three hours of seminar per week. Offered Spring

ENG 582. Seminar: Linguistic Analysis. (3 Units)

Seminar in the descriptive and formal analysis of phonological, syntactic, and/or historical data from a variety of human languages. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 583. Seminar: Psycholinguistics. (3 Units)

Seminar in current theory and research in the psychology of language and its historical background, speech production and comprehension, acquisition of language, disorders of speech and language. Three hours of seminar per week.
Offered Infrequent

ENG 584. Seminar: Sociolinguistics. (3 Units)

Examinations of varieties of English and social aspects of language use. Topics include dialectology, pidgin and creoles, bilingualism, code-switching, and intercultural communication. Three hours of seminar per week.
Offered Fall, Spring

ENG 585. Second Language Acquisition. (3 Units)

Prerequisites: Consent of instructor and department chair. Theories of second-language acquisition second-language learning, bilingualism, and sociocultural variables of language uses, with particular emphasis on the young adult and adult learner. Three hours of seminar per week.
Offered Fall

ENG 586. ESL Teaching Methods. (3 Units)

Prerequisites: Graduate standing. Investigation of approaches, methods, and techniques used in second language instruction.
Offered Spring

ENG 587. Seminar: Current Issues in TESL/Applied Linguistics. (3 Units)

Intensive study of selected topics in TESL/Applied Linguistics such as ESL Writing/Composition, Reading and Vocabulary Acquisition, Pedagogy of Spoken English, Curriculum and Program Design, Testing/Evaluation. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 588. Sem:Pedag Gram For TESOL. (3 Units)

Examination of areas of English grammar typically taught to non-native speakers. To familiarize prospective ESL teachers with classroom terminology, techniques and materials. Develop ability to analyze and explain grammatical phenomena in terms accessible to ESL students.
Offered Spring

ENG 590. Seminar In Literature. (3 Units)

Prerequisite: Consent of chair. Study of a writer, period, genre, theme, or problem in literature. Repeatable course. Three hours of seminar per week.
Offered Infrequent

ENG 591. Integrative Seminar in Literature. (3 Units)

Prerequisite: FRE 220 or equivalent. A reading, composition, and discussion course concerned with elements of style and syntax, with emphasis on creative writing by students.
Offered Infrequent

ENG 592. Seminar:Topics in Linguistics. (3 Units)

Prerequisites: Consent of instructor and department chair. Advanced topics in phonological, syntactic, historical-comparative or contrastive theory and analysis. Repeatable course. Three hours of seminar per week.
Offered Spring

ENG 593. Research Methods in Applied Linguistics. (3 Units)

Prerequisites: Consent of instructor and department chair. Survey of research methods in applied linguistics, including problem description, data collection and analysis, interpretation of results. Preparation of Final Project. Three hours of seminar per week. Repeatable but may count only once toward the MA degree.
Offered Infrequent

ENG 594. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a faculty member, the student will investigate in detail current scholarship in some area, or will undertake a project involving original research or creative writing. Repeatable course.
Offered As needed

ENG 595. Special Topics:. (3 Units)

An intensive study of a selected issues in literature or linguistics. Repeatable course. Three hours of seminar per week.
Offered Infrequent

ENG 597. Directed Reading. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under the guidance of a faculty mentor. Repeatable course.
Offered Infrequent

ENG 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Fall, Spring

Environmental Science (ENV)

ENV 590. Graduate Seminar. (1-3 Units)

Prerequisite: Graduate standing in the M.S. in Environmental Science Program or approval by the Program Coordinator. Presentation and discussion of selected topics in environmental science. One to two hours of seminar per week. Repeatable course. A maximum of four units may be applied to the master's degree.
Offered Fall, Spring

ENV 596. Internship in Environmental Science. (3 Units)

Supervised internship, in the student's area of interest, with a participating agency or company. The internship will be chosen in consultation with the Program Coordinator. A minimum of nine hours per week of internship activity and a final written report are required.
Offered Fall, Spring

ENV 598. Directed Research. (1-3 Units)

Laboratory and/or field research on a specific subject in environmental science. The research is to be approved and directed by the instructor. Repeatable course. A maximum of three units may be applied to the master's degree.
Offered Fall, Spring

ENV 599. Thesis. (3 Units)

Research and writing of a thesis to fulfill the thesis requirement for the master's degree. The topic of the thesis to be approved and supervised by the Graduate Advisor, in consultation with the student's Graduate Thesis Committee. Repeatable course. A maximum of three units may be applied to the master's degree.
Offered Fall, Spring

ENV 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis may maintain continuous attendance by enrolling in this course.
Offered Fall, Spring

Finance (FIN)

FIN 200. Personal Finance for Non-Finance Majors. (3 Units)

A survey of concepts and tools that can help consumers improve the management of their personal finances. The course may help students identify psychological and social processes used to influence how we spend our money in ways that benefit those institutions, but may conflict with their self-interest.

Offered Fall, Spring

FIN 360. Business Finance. (3 Units)

Prerequisite: ACC 230, ECO 210, and one of the following, MAT 105, MAT 131, MAT 153, MAT 171, MAT 191, or MAT 193. A survey of the decision framework for financial management; forecasting and planning, major investment and financing decisions, control and interaction with capital markets.

Offered Fall, Spring, Summer, All terms

FIN 375. Personal Financial Planning. (3 Units)

Prerequisite: Consent of instructor. Provides an understanding of personal finance issues relating to budgeting, planning credit, retirement planning, insurance investments, and estate planning. Students will be able to adopt principles studied to their personal lives and make better decisions.

Offered Fall, Spring

FIN 382. Financial Analysis. (3 Units)

Required Prerequisite: FIN 360. Readings and case studies in financial theory and practice relating to financial statement analysis, capital budgeting, short-term financial management; computer applications.

Offered Fall, Spring

FIN 426. Portfolio Management. (3 Units)

Prerequisite: FIN 360 is required. Basic procedures and analytical tools necessary to construct, analyze, evaluate and revise investment portfolios or groups of assets, including computerized portfolio models.

Offered Fall, Spring

FIN 427. Financing E-Business. (3 Units)

Prerequisite: FIN 360. An overview of financing options available to E-Business operations. Emphasis will be placed on analyzing financing alternatives specific to E-Business, and issues in raising financing at all stages of operations. Course includes reading assignments, case studies, and Internet applications.

Offered Spring

FIN 467. Real Estate Finance and Investment. (3 Units)

Prerequisite: FIN 360. Practical analysis of financial techniques and investment opportunities and procedures for real property; investigation of costs, returns, profitability, tax implications, depreciation, financial institutions, markets, instruments, agencies of real estate finance, uses of computerized analysis.

Offered Spring

FIN 468. Seminar in Investment Analysis. (3 Units)

Prerequisite: FIN 360. Security analysis, valuation and portfolio management; emphasis on investment criteria, sources of information, types of financial investments. Three hours of seminar per week.

Offered Fall, Spring

FIN 480. Economics Of The Firm. (3 Units)

Prerequisites: ECO 210, ECO 211 and OMG 321. Applications of economic theory to management decisions; emphasis on analysis and quantitative techniques appropriate for solving forecasting, production, cost and pricing problems under various market conditions; computer applications when appropriate.

Offered As needed

FIN 481. Financial Inst & Mgmt. (3 Units)

Prerequisite: FIN 360. Management of financial institutions, including principles, practices and procedures financing, international capital asset pricing model and ethical concerns. Case analysis, oral/written presentation and computer usage required.

Offered Fall, Spring, Summer

FIN 484. Financial Forecasting & Modeling. (3 Units)

Required Prerequisite: FIN 360. Techniques for estimation of sales, investment, and other financial variables. Emphasis will be on modeling using statistical software and spreadsheets.

Offered Fall, Spring

FIN 485. Entrepreneurial Finance. (3 Units)

Prerequisite: FIN 360. This course focuses on the unique financing issues as they relate to starting and managing a new business venture or a small business. The course covers topics such as sources of capital for start-ups, financial planning for growing businesses, venture capital, and Initial Public Offerings.

Offered Fall, Spring

FIN 487. Fixed Income Securities and Valuation. (3 Units)

Prerequisite(s): FIN 360 required. Students will master the concepts of yield, duration, factors influencing interest rates and bond prices. Identify bond market segments and explain common-characteristics and differences. Construct bond portfolios, measure portfolio risk and return, and manage a \$1 million virtual bond portfolio.

Offered Fall, Spring

FIN 488. Multinatl Financial Trans. (3 Units)

Prerequisite: FIN 360. Short term export and import financing, including the fundamentals of foreign exchange, commercial drafts, and letters of credit; international banking procedures, private and public sources, and problems of risk and security.

Offered Fall, Spring

FIN 494. Independent Study in Finance. (3 Units)

Independent study of particular topics in Finance under the direction of a full time member of the Finance Department. CR/NC grading.

Offered Fall, Spring

FIN 496. Internship in Finance. (3 Units)

Under the direction of the Internship Coordinator, students work in a business organization applying the skills and knowledge learned in the classroom. CR/NC grading.

Offered Fall, Spring

FIN 500. Advanced Topics in Finance. (3 Units)

Prerequisite: FIN 360. Analysis of decisions in financial management. Includes financial planning, working capital management, capital budgeting, valuation analysis, portfolio management, capital structure, ethical and multinational concerns. Case analysis, oral/written presentation and computer usage required.

Offered Infrequent

FIN 502. Adv Topics in Internatl Bus. (3 Units)

Prerequisite: FIN 360. Exploration of issues related to all functional areas within a global business environment. Emphasizes the additional opportunities, risks, uncertainties and difficulties of conducting business across national boundaries. Case analysis, oral/written presentation and computer usage required.

Offered Infrequent

FIN 503. Advan Topics in Multinatl Fin. (3 Units)

Prerequisite: FIN 502. Financial decision making in global setting: financial systems, Euro-currency markets, balance of payments, foreign exchange markets, risk measurement, hedging, trade.

Offered Infrequent

FIN 504. Corp. Fin-Valuation Approach. (3 Units)

Prerequisite: FIN 500. Principles of valuation; projecting earnings; discounting future cash flows; the price/earnings method; dividend discount model; market value vs. replacement value; the role of premiums when buying public companies; financing alternatives.

Offered Infrequent

FIN 505. Adv. Mgt of Fin Institutions. (3 Units)

Prerequisite: FIN 500. An examination of the nature and role of financial institutions in the economy, money markets, and capital markets, the Federal Reserve System and monetary policy, the commercial banking system, thrift institutions, insurance companies, pension funds, investment companies, and other major financial institutions.

Offered Infrequent

FIN 506. Invest & Portfolio Management. (3 Units)

Prerequisite: FIN 500. An overview of the investment environment for the institutional money manager. The market mechanism, market equilibrium, the relationship between risk and return and the valuation of various investment instruments are investigated. Analyzes contemporary theories and techniques of security selection and management available to the institution portfolio manager.

Offered Infrequent

FIN 507. Derivatives & Future Markets. (3 Units)

Prerequisite: FIN 500. Futures markets; mechanics of buying and selling futures; options; pricing of options; hedging; regulation of futures markets; stock index futures; interest rate futures; interest rate and other swaps.

Offered Infrequent

FIN 508. Financial Forecast and Modeling. (3 Units)

Students will gain a deep understanding of modern forecasting theories and methodologies widely used in industry that will allow them to forecast relevant business and economic variables that are vital for decision makers in companies and governments.

Offered Infrequent

FIN 595. Selected Topics in Finance. (3 Units)

Prerequisites: Graduate standing and FIN 500. Intensive study of a specialized area of Finance on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course.

Offered Infrequent

French (FRE)

FRE 110. Beginning French I. (3 Units)

Basic instruction in French. Training in speaking, listening, reading, and writing for students who have had no previous work in French.

Offered Fall, All terms

FRE 111. Beginning French II. (3 Units)

Prerequisite: FRE 110 or consent of instructor. A continuation of French 110.

Offered Spring, All terms

FRE 220. Second Year French. (3 Units)

Prerequisite: At least one year of college French or consent of instructor. Individualized instruction in French language, life and letters for second-year and advanced first-year students in French. This course taken successfully twice completes lower division requirements for the major and minor. Repeatable course.

Offered Infrequent

FRE 305. Advanced Composition, Syntax, & Stylistics. (3 Units)

Major political, intellectual, socio-economic and cultural developments in Europe from the sixteenth century to the Enlightenment. Key topics include absolutism, mercantilism, colonialism, constitutionalism, the Scientific Revolution and the Enlightenment.

Offered Infrequent

FRE 310. The Study Of Language. (3 Units)

Traditional and modern approaches to the study of language; fundamentals of phonology and grammar (same as SPA 310).

Offered Infrequent

FRE 450. French Culture. (3 Units)

Prerequisite: FRE 220 or equivalent. An area studies course focusing on patterns of French civilization and culture.

Offered Infrequent

FRE 452. French Literature I. (3 Units)

Prerequisite: FRE 220 or equivalent. French literature from the Middle Ages to the Revolution.

Offered Infrequent

FRE 453. French Literature II. (3 Units)

Prerequisite: FRE 220 or equivalent. Prose and poetry of the nineteenth and twentieth centuries.

Offered Infrequent

FRE 494S. Independent Study. (1-3 Units)

Prerequisites: B average in French, upper division standing, and consent of instructor and department chair. Independent study of a literary or linguistic problem, author, or movement. Repeatable course.

Offered Infrequent

GED Multicultural Option (MUL)

MUL 505. Assessmnt Sec Lang Lnrs. (3 Units)

Prerequisite: Preliminary teaching credential or consent of instructor. Study of basic concepts, principles and practices associated with the assessment of second language learners' linguistic proficiency and subject-matter knowledge. Topics include: standardized test score interpretation, evaluation of state-mandated tests, student placement, test construction and authentic assessment.

Offered Fall, Spring

MUL 508. Lang Acquisit in Urban Setting. (3 Units)

Study of current theory and research in language acquisition including an introduction to linguistic subsystems, developmental stages, and factors impacting first and second language acquisition. Emphasis will be placed on the relevance of theory and research in an urban setting.

Offered Spring

MUL 511. Cultural Diversity in America. (3 Units)

Examines contemporary diverse populations in America and their influence on American educational institutions. The analysis of historical contributions and cultural influences on the macro-culture provide insight into our multicultural society.
Offered Spring

MUL 520. Tchng Eng Spkr Othr Lang. (3 Units)

Issues and problems, techniques, procedures, and materials for teaching the dominant language (standard English) to the bilingual and to the bi-dialectal.
Offered Fall, Spring

MUL 521. Sem Mexi Amer His Educ. (3 Units)

Explores the socio-cultural basis for the past, present and future status of Mexican Americans and Hispanics with emphasis on legal and political issues. Content and methodological innovation as well as judicial and legislative actions will be analyzed in depth. Issues relating specifically to education will be analyzed in this course. Three hours of seminar per week.
Offered Fall

MUL 522. Read/Literacy In Spanish. (3 Units)

Designed to prepare bilingual teachers to use effective methodology to teach literacy and reading to Spanish-speaking bilingual (Spanish-English) children. It includes examination of youngsters' readiness skills in Spanish, and the analysis of different methods to teach reading in Spanish.
Offered Fall, Spring

MUL 525. Bil/Mult Teaching Methods. (3 Units)

The study of selected bilingual approaches to, and methods of, teaching social studies, science, mathematics, and language arts. Techniques for developing bilingual and multicultural teaching materials.
Offered Fall, Spring

MUL 533. Action Res Urban Educators. (3 Units)

Prerequisite: GED 500 is recommended. Development of research skills needed to conduct both quantitative and qualitative action research in an urban multicultural setting. Topics include research question formation, research design identification, data gathering techniques, display and analysis of data, creating an action plan, dissemination of information.
Offered Spring

MUL 544. Urban Materials Design & Dev. (3 Units)

Development of skills necessary to design effective instructional materials for urban learners. Using principles of the systems approach and building upon research, theory, and best practices, students will create materials to meet the needs of ethnically and linguistically diverse learners.
Offered Infrequent

MUL 591. Adv Multicult Studies. (3 Units)

Designed for students completing the MA in Education, Multicultural Option. Students will synthesize and interrelate diverse areas of study which comprise the masters degree by conducting bibliographic research, writing critical essays and development training sessions for school, staff and community individuals.
Offered Fall, Spring

Geography (GEO)

GEO 100. Human Geography. (3 Units)

Cultural, physical, and biological earth systems. Emphasizes human geography and adaptation to physical habitats.
Offered Fall, Spring, All terms

GEO 200. Physical Geography. (3 Units)

Classical natural systems, including earth-sun relationships, atmospheric flows, terrestrial biogeography, landforms, and processes of change; introduction to modern monitoring methods using maps, satellite reconnaissance, and geographic information systems.
Offered Fall, Spring

GEO 305. Cartography. (3 Units)

Principles, techniques, design and production of maps and graphs for data presentation. One hour of lecture and six hours of lab per week.
Offered Spring even

GEO 310. Geomorphology. (3 Units)

Prerequisite: EAR 100 or GEO 200 is required. Study of landforms created by geologic, volcanic, weathering, fluvial, karst, coastal and other processes acting on the land surface and ocean floor.
Offered Fall odd

GEO 315. The Weather. (3 Units)

Structure of the atmosphere, planetary circulations, and storms of all latitudes. Types of clouds, radiation, humidity, precipitation, and optical phenomena. El Niño-Southern Oscillation and global teleconnections. Two hours of lecture and three hours of laboratory per week.
Offered Fall odd

GEO 318. Cultural Pluralism The Human Environment: Methods of Knowledge and Truth. (3 Units)

Prerequisites: Completion of Lower Division General Education. Analysis of cultural diversity and the process of cultural interaction, inter-ethnic relations and social integration on the community, national and international levels with emphasis on people's knowledge of the natural world.
Offered Fall, Spring

GEO 336. Land Use. (3 Units)

Sequential, compatible, and conflicting land uses. Zoning and regulation. Impacts of public and private uses. Social and economic benefits from alternative land use.
Offered Infrequent

GEO 350. World Geography. (3 Units)

Study of the world's regions: population distribution, landforms and natural resources, urban and non-urban relationships, connections of trade and transportation, plus selected case studies involving water resources, boundaries and environmental impacts.
Offered Fall, Spring

GEO 357. Urban Environmental Geography. (3 Units)

A survey of key environmental issues affecting Los Angeles and other cities with special emphasis on environmental policy and local ordinances designed to mitigate urban environmental issues including air pollution, water resources, park and waste management.
Offered Fall even

GEO 359. Geography Of California. (3 Units)

The physical, cultural and regional geography of California. The land and its modifications. Spatial distribution of resources. Population, migration and urbanization. Problems and prospects.
Offered Infrequent

GEO 360. North America. (3 Units)

Physical, regional and cultural geography of the United States, Canada and Mexico. Emphasizes human-environment interaction, contemporary patterns of population distribution, resource exploitation, transportation, and agricultural and industrial production.
Offered Infrequent

GEO 370. Numerical Methods in Geography. (3 Units)

Prerequisites: CSC 101 and MAT 009 (or equivalents). Principles of data reduction and analysis in the natural sciences. Practical techniques to understand spatial data sets using computer software. Topics include matrices, summary statistics, distributions, transformations, hypothesis testing, contouring, regression and curve-fitting.

Offered Spring odd

GEO 380. Biogeography. (3 Units)

The distribution of plant and animal species with emphasis on native plant and animal populations in Southern California and recent changes to the region's flora and fauna.

Offered Fall odd

GEO 405. Advanced Cartography. (3 Units)

Prerequisite: GEO 305 or equivalent is recommended. Planning and preparing maps, graphics, photographs, and models. One hour of lecture and six hours of lab per week.

Offered Spring even

GEO 408. Remote Sensing and Image Processing. (3 Units)

Interpretation of physical and cultural features, resources, environmental factors from photographic and specific sensor imagery. One hour of lecture and six hours of activity per week.

Offered Spring odd

GEO 412. Rivers and Streams. (3 Units)

Geographic inventory of global, state and national water resources. Drainage networks, streamflow measurements and flooding. Waterfalls, rapids, river conservation and dam case studies. Features field trip.

Offered Spring even

GEO 415. Geographic Information Systems. (3 Units)

Prerequisites: Basic computer knowledge, CSC 101 or equivalent. Techniques of data acquisition, processing, analysis and display as pertain to geographic information systems. Includes practical applications based on various forms of geographically referenced data. One hour of lecture and six hours of laboratory per week.

Offered Fall

GEO 416. Earth's Climates. (3 Units)

Prerequisite: GEO 200 is required. Characteristics and classifications for Earth's climates, with emphasis on the physical geographic reasons for their distribution patterns, as well as the biomes associated with each climate zone. The influence of climate zones on agriculture, diet, dress, and lifestyle. Physical and biological proxies for climate data, and historical and current trends in global climate.

Offered Spring odd

GEO 420. Natural Resources. (3 Units)

Atmospheric, hydrologic, ecologic and geologic principles; economic and environmental considerations in air, water, soil, food, timber, wildlife, nonmetallic and metallic resources.

Offered Fall even

GEO 433. Environmental Analysis and Planning. (3 Units)

Federal and State requirements, required inputs, presentation formats, procedures for review and acceptance of environmental reports. Methods of assessing air quality, noise, water pollution and traffic problems.

Offered Spring even, All terms

GEO 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. Independent study of a particular geographic or environmental problem under the supervision of a Geography faculty member

Offered Fall, Spring

GEO 495. Special Topics In Geography. (3 Units)

Selected topics in Geography with course content to be determined by instructor. Repeatable course.

Offered As needed

GEO 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. Research of a particular geographic or environmental problem under the direction of a Geography faculty member. CR/NC grading.

Offered Fall, Spring

Gerontology (GRN)

GRN 514. Intro to Social Gerontology. (3 Units)

Offered Infrequent

GRN 541. The Older Woman. (3 Units)

Offered Infrequent

GRN 543. Lesbian and Gay Aging. (3 Units)

Offered Infrequent

GRN 550. Theories Of Gerontology. (3 Units)

Offered Spring

GRN 552. Seminar in Organiz Admin. (3 Units)

Offered Fall

GRN 555. Soc Pol Econ of Aging. (3 Units)

Offered As needed

GRN 558. Life Opt & Ret Plan. (3 Units)

Offered As needed

GRN 562. counseling the Older Adult. (3 Units)

Offered Infrequent

GRN 563. The Older Adult. (3 Units)

Offered Fall

GRN 564. Nutrition and the Mature Adult. (3 Units)

Offered Infrequent

GRN 565. Long-Term Care For Elder. (3 Units)

Offered Summer

GRN 567. Death & Dying. (3 Units)

Offered As needed

GRN 595. Special Topics in Gerontology. (1-3 Units)

Offered As needed

GRN 596. Internship in Gerontology. (3 Units)

Offered Infrequent

GRN 597. Directed Reading. (3 Units)

Offered Spring

GRN 598. Directed Research. (3 Units)

Offered Fall, Spring

GRN 599S. Thesis or Project. (3 Units)

Offered Fall, Spring

GRN 600S. Graduate Continuation. (1 Units)

Offered Fall, Spring

Graduate Education (GED)

GED 500. Research Methods in Education. (3 Units)

Examination of assumptions and techniques of educational research. Review of pertinent research studies emphasizing their applicability to educational problems. Statistical concepts, research methodology and computer applications are included.

Offered Fall, Spring

GED 501. Seminar in Learning and Development. (3 Units)

Theory, research and practice related to learning and development. Emphasis on biological and psychological factors in individual differences. Includes study of affective and cognitive development. Three hours of seminar per week.

Offered Fall, Spring

GED 503. Socio-Cultural Issues in Education. (3 Units)

Examines the total process of socialization and the effects of cultural determinants on human development and learning. Considers the school as an agent of socialization. Change agent role of school personnel is explored.

Offered Fall, Spring

GED 512. Values And Teaching. (3 Units)

Exploration of philosophical literature as it relates to values in education. Development of values from early childhood to adolescence. Exploration of personal values. Methods and procedures for teaching values in the classroom.

Offered Infrequent

GED 548. Effective College Teaching. (3 Units)

Study of research, theory, and practices associated with teaching and learning processes within the community college system. Topics include course planning and organization, student diversity, teaching and student retention, and instructional technology. Required Text: Tools for Teaching

Offered Infrequent

GED 549. The Community College. (2 Units)

An overview of the history, mission and function of the community college. Topics include this history of higher education, the role of the community college, student characteristics, curriculum, finance, governance, articulations and the California Master Plan. Required Text: The American Community College

Offered Infrequent

GED 550. Leadership in Higher Education. (3 Units)

Corequisite: GED 551 is recommended. Focuses on leadership theory, models, practices, governance, and management processes, leadership perspectives and theory applicable to higher education; addresses the complex social and political landscape and current and future trends of higher education.

Offered Fall

GED 551. Legal Issues in Higher Education. (3 Units)

Co-requisite: GED 550 is recommended. Addresses laws, policies, and legal issues pertaining to teaching, learning, and administrative environments in higher education and discusses ethical and legal principles applicable to their resolution; considers the policy issues which impact the application of law in higher education.

Offered All terms, Fall

GED 552. Higher Education Finance. (3 Units)

Prerequisites: GED 550 and GED 551 are recommended. Co-requisite: GED 553 is recommended. Examines current financial, economic, regulatory, and budget issues within higher education. Primary political, regulatory, economic and social influences on higher education, as well as revenue/expenditure streams, financial planning, analysis, and management are explored at national, state, and institutional levels.

Offered All terms, Spring

GED 553. Diversity and Inclusion in Higher Education. (3 Units)

Prerequisites: GED 550 and GED 551 are recommended. Corequisite: GED 552 is recommended. Explores issues of diversity, inclusion, equity, and social justice in higher education; focuses on theory, major concepts, and best practices as they inform policy, practice and leadership within higher education.

Offered All terms, Spring

GED 592. Education Coursework Synthesis. (3 Units)

Designed to assist the graduate student completing the M.A. in education to integrate previous course work and to research new material in preparation for the master's exam. For all options. May not be used as credit toward the M.A. CR/NC grading. Three hours of seminar per week.

Offered Infrequent

GED 594. Independent Study. (1-3 Units)

Independent study undertaken under the supervision of a faculty member. Repeatable course.

Offered Fall, Spring

GED 595. Special Top:.. (1-3 Units)

Topics vary by section and semester. See class schedule for title and prerequisites. Repeatable course. Three hours of seminar per week.

Offered Infrequent

GED 599. Thesis. (1-6 Units)

Prerequisite: Consent of Advisor. The student will execute an individually planned research effort or a creative project. Students work under individual supervision with assigned faculty. May be repeated up to six units.

Offered Infrequent

GED 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring, Summer

Health Science (HEA)

HEA 100. Health & Lifestyles. (3 Units)

To familiarize the student with relationships among the physical, social and psychological aspects of health, which include: self-care, prevention and analysis of personal health problems through participation in self-assessment techniques. Topics include the relationship of lifestyles to nutrition, stress, physical fitness, death and dying, and mental illness.

Offered Fall, Spring, All terms

HEA 104. Food, Health and Environment. (3 Units)

Explores the links among food, the environment and health. Contributions of social trends and government policies to the current state of health, disease and environmental impact of food systems will be examined.

Offered Fall, Spring

HEA 195. Special Topics Health Science. (1-3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered Infrequent

HEA 201. Healthcare Systems and Perspectives. (3 Units)

Examination of healthcare delivery systems and personal health as integrated physiological, social, psychological processes. Topics include role of healthcare providers; major healthcare organizations; contemporary healthcare issues; interactions of healthcare and physical environmental changes which influence health of the whole person.

Offered Fall, Spring

HEA 280. Orientation and Elementary Radiation Protection. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Orientation to applied medicine, hospitals and radiology departments. Introduces students to overall view of radiology and ethical principles. Basic radiation protection instruction to allow students to begin the clinical practicum.

Offered Fall

HEA 281. Medical Terminology: Radiology. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Programmed approach to general medical terminology with emphasis on radiology and applied specialties. Review of common medical terms, prefixes, suffixes and roots.

Offered Fall

HEA 287. Clinical Practicum I. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised Clinical rotations through support areas of radiology department: filerooms, darkrooms, patient transport and scheduling. Introduction to hospital environment and health care team. Film critiques. Practicum 280 hours.

Offered Fall

HEA 300. Health in Public Education. (3 Units)

Prerequisite: HEA 100 or equivalent is recommended. Health education required course for the professional multiple or single-subject, clear credential teaching applicants. Covers all topics designated in the Health Framework for California, including personal health, family health, nutrition, the physiological and sociological effects of substance abuse, cardiopulmonary resuscitation and child abuse.

Offered Fall, Spring

HEA 309. Mapping Public Health. (3 Units)

Introduction to Geographic Information Systems using ArcGIS Online for Healthcare Professionals. The course allows students to interpret geographic patterns/address public health problems for policy planning. Basic concepts include population demographics, health services, analyzing environmental factors, data interpretation, and data analysis.

Offered Fall, Spring

HEA 312. Intro To Public Health. (3 Units)

Prerequisite: HEA 201 or concurrent enrollment is required. Nature, transmission, and control of disease from a public health perspective: Historical background, current problems, trends in prevention and control, and applications to health care planning. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall, Spring

HEA 313. Introduction to Biostatistics. (3 Units)

Prerequisite: HEA 201 (or concurrent enrollment) and MAT 131/132 are required. Introduction to the basic concepts of biostatistics and their application and interpretation. Topics include descriptive statistics, graphics, diagnostic tests, probability distributions, inference, tests of significance, association, linear and logistic regression, and life tables.

Offered Fall

HEA 314. Health Behavior. (3 Units)

Prerequisite: HEA 201 (or concurrent enrollment) is required. Current concepts of the behavioral sciences in the health field with specific application to ethnically and culturally diverse urban communities. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall, Spring

HEA 315. Interpersonal Skills in Health Communication. (3 Units)

Prerequisite: HEA 201 (or concurrent enrollment) is required. Fundamentals, principles, and skills of interpersonal and group processes in health related occupations. Special emphasis on theory and techniques of interviewing, small group dynamics, crisis intervention and interpersonal management skills in ethnically and culturally diverse urban settings. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall, Spring

HEA 316. Introduction to Epidemiology. (3 Units)

Principles of epidemiology are introduced in the context of interpreting studies of health in human populations within their socio-cultural setting and diverse environments. Concepts addressing the design, implementation, analysis and interpretation of epidemiological studies are covered.

Offered All terms, Spring

HEA 318. Health Services Management. (3 Units)

Prerequisite: HEA 201 is required. Concepts, issues, and skills in administration and management of a health care unit, including personnel, finances, equipment, supplies, and facilities. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall, Spring

HEA 319. Leadership in Healthcare. (3 Units)

Prerequisite: HEA 201 is required. Focuses on leadership theory and its application to the healthcare setting. Leadership concepts include traits, situations, communication, power, vision, integrity, emotional intelligence, and courage. Provides an understanding of theory and research, as well as skills and self insight to become effective leaders.

Offered Spring

HEA 320. Contemporary Health and Disease. (3 Units)

Prerequisites: HEA 201 and BIO 102 are required. Through the natural and social sciences, addresses infectious and non-infectious diseases across the lifespan, their causative factors, disease occurrence patterns, risk factors, symptoms, prevention, control, and treatment methods as well as educational implications for achieving optimal community health.

Offered Spring

HEA 371. Radiologic Technology Legal Perspectives Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from legal perspective and coordinates study of current issues, theories and techniques related to health care delivery; principles of dark room technology and radiation protection, and medical terminology.

Offered Fall, Spring

HEA 372. Radiologic Technology History, Philosophy, Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from historical and philosophical perspectives and coordinates study of current issues, theories and techniques related to concepts and practice of fundamental patient care, radiologic exposure and routine radiologic procedures. Offered Fall, Spring

HEA 373. Radiologic Technology Ethical Perspectives and Professional Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from an ethical perspective and coordinates study of current issues, theories and techniques related to radiographic procedures using contrast media, topographic anatomy and positioning, and routine fluoroscopic procedures. Offered Fall, Spring

HEA 374. Radiologic Technology Political and Social Perspectives and Professional Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from a political and social perspective and coordinates study of current issues, theories and techniques related to radiation protection and federal and state regulations, radiologic physics, topographic anatomy and positioning, and routine exams in pediatrics, surgery and genitourinary room. Offered Fall, Spring

HEA 375. Radiologic Technology Future Perspectives and Professional Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the future of the radiologic technology profession from a technological, as well as professional perspective and coordinates study of current issues, theories and techniques related to special radiologic procedures, sub-specialties, and departmental and administrative procedures, and senior research topics. Offered Fall, Spring

HEA 380. Darkroom Chemistry and Techniques. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Darkroom construction, hand and automatic processing, film artifacts, processing aspects, and prevention. Quality control and darkroom chemistry. Offered Fall

HEA 381. Patient Care Procedures Related to Radiology. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduction to fundamental patient care procedures and principles in radiology departments: patient care/handling, body mechanics, aseptic technique, emergency procedures and use/care support equipment in preparation for patient contact. Offered Fall

HEA 382. Principles of Radiographic Exposure. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Basic radiographic principles: image formation, intensifying screens, factors affecting quality, calibration, equipment design/function, filters, electromagnetic radiation and exposure factors. Teaches mechanics of performing examinations. Offered Fall

HEA 383. Common Radiographic Procedures Using Contrast Media. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Positioning and exposure techniques for contrast studies (esophograms, barium enemas, etc.) fluoroscopic techniques. Introduction to the uses, contraindications, and pharmacology of contrast media. Offered Spring

HEA 384. Topogr Anatomy & Position I. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduces topographic anatomy and positioning procedures necessary to produce diagnostic radiographs of the entire body (except the skull). Exposure control techniques and exam indications. Offered Spring

HEA 385. Radiation Protection. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Principles of radiation safety, biological effects, x-ray production, and radiation detection devices. Emphasis on federal and state regulations. Offered Fall

HEA 387. Clinical Practicum II. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through routine diagnostic rooms. Perform radiologic examinations on patients under direct supervision of a technologist. These will include x-rays and film critiques of the thoracic and appendicular skeleton. Rotation through emergency rooms, orthopedics, and portable radiography. Practicum 580 hours. Offered Fall

HEA 388. Clinical Practicum III. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotation through routine radiographic/fluoroscopic rooms, including surgery. Perform routine diagnostic examinations (except skull), fluoroscopic and intra-operative exams. Weekend rotations begin. Film critiques. Practicum 580 hours. Offered Spring

HEA 395. Special Topics in Health Science. (1-3 Units)

Prerequisite: Consent of instructor. Study of a topic of interest to students pursuing a career in the health professions. Topic will vary as announced. One to three hours of lecture per week. Offered Fall, Spring

HEA 410L. Coding Procedures I Lab. (0 Units)

Offered Infrequent

HEA 411L. Coding Procedures II Lab. (0 Units)

Offered Infrequent

HEA 412L. Alternative Hlth Record Sys. (0 Units)

Offered Infrequent

HEA 413L. Computerized Hlth Info Systems. (0 Units)

Offered Infrequent

HEA 414L. Hlth Info Dept Mgmt. (0 Units)

Offered Infrequent

HEA 435. Orthotics Soft Goods Fitters Course. (1 Units)

Prerequisites: BIO 250 and BIO 251 are required. Comprehensive study of short-term, custom-fitted orthoses for the management of the spine, upper and lower limbs. It includes evaluation, assessment, treatment plan formulation, implementation of the plan and follow-up. Fittings of selected orthoses are included. Offered As needed

HEA 445. Material Science and Laboratory Skills. (2 Units)

Prerequisites: BIO 250 and BIO 251 are required. Study of various chemical and physical properties of materials and the relationship and implications of those properties in orthotic-prosthetic design and fabrication. Development of specific laboratory competencies on O & P tools, techniques, and materials.

Offered As needed

HEA 455. Applied Anatomy. (1 Units)

Prerequisites: BIO 250 and BIO 251 are required. A focused course in human anatomy that uses a combined regional and systemic approach to examine the relationships and organization of the major structures within the body as they relate to Orthotic and Prosthetic application and design.

Offered As needed

HEA 460. Comm Health Agencies. (3 Units)

Prerequisite: HEA 201 is required. Examination and evaluation of state, federal, local and community health agencies and programs. Survey and analyze community level drug, alcohol, communicable disease, and mental health problems and programs. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall

HEA 461. Community Health Needs Assessment and Program Planning. (3 Units)

Prerequisites: HEA 314, HEA 316, HEA 462, and HEA 479 are required. Examination of approaches for conducting community health needs assessments and planning of health intervention programs.

Offered Spring

HEA 462. Methods in Community Health Education. (3 Units)

Prerequisite: HEA 201 is required. Introduces principles and theories of learner-centered education to promote community health. Includes assessment of learning environment; development of curriculum and teaching plans; teaching/learning strategies, methodologies, resources; selection of aids and materials; evaluation of effectiveness. Students will plan and present lessons.

Offered Spring

HEA 463. Health Program Implementation and Evaluation. (3 Units)

Prerequisite: HEA 461 is required. Focuses on strategic approaches to implementation of community health promotion and disease prevention programs and evaluation of program processes and outcomes.

Offered Spring

HEA 464. Health Educator as Community Resource and Advocate. (3 Units)

Prerequisite: HEA 201 is required. Emphasizes role of community organizing in engaging diverse communities to advance conditions in which people can be healthy. Examines role of health educators, grassroot activists, and others in stimulating social, political, and economic approaches to promote community health.

Offered Spring

HEA 465. Introduction to Global Health. (3 Units)

Prerequisite: HEA 201 is required. Introduces approaches used by various countries in solving their health and medical care problems, and the role of major international health organizations. Analyzes some of the current important issues in international health.

Offered Spring

HEA 466. Environmental Health Problems. (3 Units)

Prerequisite: HEA 201 is required. Impact of human activities on environmental quality and resulting environmental health problems, especially local issues, public and private responses to them. Design, carry out, and analyze a study and prepare a written report of results. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall

HEA 467. Health Policy Issues and Analysis. (3 Units)

Prerequisite: HEA 201 is required. Examination of the major current health policy issues in the U.S. with emphasis on the application of conceptual and procedural policy analysis tools useful for defining policy problems, assessing alternative solutions, and examining effects of health policies.

Offered Fall

HEA 468. Multicultural Health. (3 Units)

Prerequisite: SOC 101 and ANT 101 are recommended. Study of social, cultural, psychological, and biological factors affecting the distribution of health, wellness, and illness in various ethnic, cultural, and racial groups. Special attention is given to health issues of groups with special physical and mental health needs, including underserved and immigrant populations residing in California.

Offered Fall, Spring

HEA 469. Management Sciences in Healthcare Organizations. (3 Units)

Prerequisites: ECO 210, HEA 313 and HEA 318 are required. Drawing on economics, statistics, operations research, decision analysis, systems analysis, and operations management, provides an introduction to selected quantitative techniques and analytical tools applicable to improvement of management problem solving and processes, and the organizational delivery of health services.

Offered Fall, Spring

HEA 470. Legal Issues in the Health Sciences. (3 Units)

Examination of new legislation, exploration of various health law issues that impact hospitals, individuals and groups within the health care sector; including informed consent, regulation/antitrust, licensure and credentialing, and medical ethics. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Spring

HEA 471. Law, Ethics and Social Values in Healthcare. (3 Units)

Prerequisite: HEA 201 is required. Overview of legal and ethical issues faced by society, healthcare consumers, providers, and administrators within the context of social values. Introduction to legal and ethical decision-making at the governmental, institutional, and practitioner levels.

Offered Fall, Spring

HEA 472. Survey of Healthcare Finance. (3 Units)

Prerequisites: HEA 201, ACC 230 and ECO 210 are required. Concepts and issues in financial management of healthcare organizations. Use of tools for cost effective decision-making and learn to recognize and deal with financial components of decision-making in healthcare organizations. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall

HEA 474. Health Care Ethics. (3 Units)

Prerequisites: HSC 201; HEA 470 and HEA 472 are recommended. Intensive study of ethical issues raised in provision of health care and health care administration. Current and historical arguments surrounding ethical issues will be discussed and analyzed. Students will learn to recognize ethical dilemmas, apply ethical principles and resolve the dilemmas.

Offered Infrequent

HEA 475. Human Resources Management in Healthcare. (3 Units)

Emphasis on key concepts of human resources management, identifying importance of human resources in healthcare organizations, establishing need for relating strategic planning of organizations to their human resource planning, and on examining role of organizational culture in behavior and productivity.

Offered Spring

HEA 476. Managing Health Information Systems. (3 Units)

Prerequisites: HEA 201 and HEA 318 are required. Conceptual and practical aspects in the analysis, development, and utilization of health information technology and systems having clinical and business applications with the focus being on improving organizational performance.

Offered Spring

HEA 477. Long-Term Care Administration. (3 Units)

Prerequisite: HEA 201 is required. History, development, trends; major policy issues; organization of systems; principles and techniques of administration, including managing the environment of care and client/resident care services; management of institutional and community-based programs.

Offered Spring

HEA 478. Strategic Management in Health Care. (3 Units)

Prerequisites: HEA 318 and HEA 472 are required. Methods for strategic planning and marketing of health services organizations. Techniques for determining strategies for unique services, integration of strategy, structure, and administrative systems.

Offered Spring

HEA 479. Research Methods in Health Sciences. (3 Units)

Prerequisite: HEA 313 is required. Overview of research methods in health sciences, including study design, sampling, data collection and analysis, statistical techniques, and report writing. Application of research methods to development of research proposal. Critical analysis of literature. Examination of relevance of data to decision making.

Offered Fall, Spring

HEA 480. Radiological Physics. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Emphasis of health and safety on electric circuits, generators, x-ray circuits, x-ray physics.

Offered Fall, Spring

HEA 481. Topographic Anatomy and Positioning II. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduces topographic anatomy and positioning procedures necessary to produce diagnostic radiographs of the skull. Exposure control techniques and exam indications included.

Offered Fall

HEA 482. Special Radiographic Procedures. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option or consent of instructor. Radiographic anatomy and physiology, positioning, film evaluation and specialized equipment applying to highly technical exams (interventional radiography, tomography, CT and MRI). Management of acutely ill patients. Fee required.

Offered Spring

HEA 483. Sub-Specialties in Radiology. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduction to principles of pediatric radiography, intraoral radiography, radiation therapy and nuclear medicine. Image formation, equipment, techniques and handling of radiation and radionucleotides.

Offered Spring

HEA 485. Departmental Administrative and Office Procedures, Computer Literacy. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduction to organization and budgeting of a radiology department; use of computers in radiology and basic computer principles.

Offered Spring

HEA 487. Clinical Practicum IV. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through routine radiographic/fluoroscopic, pediatric, surgical and genitourinary rooms. Performs routine exams and film critiques (except skull) in all areas. Practicum 280 hours.

Offered Fall

HEA 488. Clinical Practicum V. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through all areas of routine radiography, with student performing all routine diagnostic fluoroscopic and radiographic exams and film critiques, including skull radiography. Student will be able to perform radiologic procedures independently. Practicum 580 hours.

Offered Fall

HEA 489. Clinical Practicum VI. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through special radiographic procedures, radiation therapy, magnetic resonance imaging, nuclear medicine, mammography and ultrasound. Continued application in routine radiography, fluoroscopy and film critique. Perform radiologic procedures independently. Practicum 580 hours.

Offered Spring

HEA 490. Health Science Senior Seminar. (1-3 Units)

Prerequisites: Senior standing and HEA 479 are required of all majors. For Community Health Option: HEA 461, HEA 463 and HEA 468 are required. For Health Care Management Option: HEA 467 and HEA 478 are required. Undertake in-depth study employing concepts and principles learned in Health Science core and options. Must demonstrate analytic thinking skills and ability to synthesize disparate area knowledge in the development of an original research project. Proficiency in written and oral English language required.

Offered Fall, Spring

HEA 491. Res Sem Orth/Prosth I. (1 Units)

Prerequisites: HEA 440 and HEA 450. Background literature review, hypothesis formation, study design, development of data collection instruments and data collection as phase one of orthotic/prosthetic research project. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. One hour of seminar per week. Fee required.

Offered Fall, Spring

HEA 492. Research & Seminar in O&P. (2 Units)

Prerequisite: MAT 131, or consent of instructor. Overview of the principles and applications of research. Examination of testing and improving patient outcomes. Basic concepts in research design, including literature review, identification of research question, development of data collection instruments, data analysis. Write and present a research proposal. Offered Fall, Spring

HEA 493S. Preceptorship in O&P. (3 Units)

Prerequisite: Consent of instructor. 125 hour placement in a private sector or institutional facility. Repeatable for credit up to 8 units. Fee required. Offered Fall, Spring

HEA 494. Independent Study in Health Science. (1-3 Units)

Prerequisite: Consent of instructor. In-depth study of a health sciences topic under the supervision of a health sciences instructor. Requires independent study contract to be completed before enrollment. Repeatable course. Offered All terms, Fall, Spring

HEA 495. Spec Topics in Health Sciences. (1-3 Units)

Prerequisites: HEA 201; Consent of instructor. Intensive study of a Health Sciences topic of special interest to students pursuing a career in the health professions. Topic will vary as announced. One to three hours of lecture per week. Offered All terms, Fall, Spring

HEA 496. Internship in Health Sciences. (1-6 Units)

Must be Health Science major; must be a senior; must be accepted in the internship program; consent of instructor required. Corequisite: HEA 497. Students will be directed to health care facilities to serve as interns. Regular meetings are scheduled with a faculty internship supervisor to assess student progress. Up to forty hours per week. Offered Fall, Spring

HEA 497. Internship Seminar. (1 Units)

Corequisite: HEA 496 is required. Consent of instructor is required. Students discuss and conduct in-depth analysis of their personal and professional growth and problem-solving skills in relation to their internship experiences. Offered Fall, Spring

HEA 498. Dir. Research in Hlth. Sci.. (1-3 Units)

Prerequisites: HEA 201 and consent of instructor. Advanced topics and research on specific subjects in Health Sciences. Topics of research to be approved and directed by an instructor. Offered Fall, Spring

HEA 499. Senior Project Radiology. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Individual research in radiology with student class presentation: learn presentation skills, use of A-V methods, oral skills, and written presentation. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. One hour of seminar activity per week. Repeatable for credit for up to one unit. Offered Fall, Spring

HEA 508. Clinical Pathology for Orthotics and Prosthetics. (3 Units)

Prerequisites: HEA 455 or consent of instructor. Examination of the etiology, clinical signs and symptoms, treatment, prognosis and social implications of pathological conditions associated with numerous diseases and traumatic injuries that require orthotic and/or prosthetic intervention. Includes introductory Neuroscience and neural disorders encountered in practice. Offered Fall

HEA 516. Clinical Evaluation Tools in Orthotics and Prosthetics. (2 Units)

Prerequisite: HEA 455 or consent of instructor is required. Examines the variety of standardized clinical assessment tools to be appropriately used in concert with the clinical examination, as well as evidence from literature, to determine the need for orthotic-prosthetic services and design optimal intervention strategies. Offered Fall

HEA 535. Practice Management for Orthotics and Prosthetics. (1 Units)

Prerequisite: HSC 500 is required. Addresses general business practice within orthotic-prosthetic practice, including its role in clinical decision making, documentation, time management and compliance with regulatory agencies, reimbursement and human resource management. Offered Summer

HEA 536. Psychological Aspects of Disability. (1 Units)

Prerequisite: HSC 500 is required. Application of psychological concepts to illness and disability. Awareness of social supports and constraints, activities across the lifespan, and integration of these factors into clinical practice. Strategies for dealing with patients in distress, and symptoms requiring referral to other professionals. Offered Summer

HEA 540. Orthotic Management of the Upper Limb. (3 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of short-and long-term upper limb orthotic management. Includes evaluation; assessment; treatment plan formulation; implementation and follow-up. Fabrication and fitting of: finger, hand, wrist, forearm, elbow, humeral and shoulder orthoses. Offered Spring

HEA 541. Orthotic Management of the Lower Limb I. (4 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of lower limb orthotic management distal to the knee. Includes evaluation and assessment; treatment plan formulation, follow-up and patient education; biomechanics; gait analysis and motor disability. Fabrication and fitting of foot and ankle-foot orthoses. Offered Spring

HEA 542. Orthotic Management of the Lower Limb II. (5 Units)

Prerequisite: HEA 541 is required. Comprehensive study of lower limb orthotic patient management proximal to the knee. Includes evaluation and assessment; treatment plan formulation, follow-up and patient education; as well as biomechanics, gait analysis and motor disability. Fabrication and fitting of selected orthoses. Offered Fall

HEA 544. Orthotic Management of the Spine. (4 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of spinal orthotic management. Includes evaluation, assessment, treatment plan formulation, implementation of the plan, and follow-up. Fabrication and fitting of selected orthoses is included. Also, presentation of Wheelchair Seating and Cranial Remolding Helmets. Offered Fall

HEA 545. Normal Gait and Biomechanics of Movement. (2 Units)

Prerequisites: HEA 455 or consent of instructor. Primary areas of study will include applied anatomy, anthropometry, kinematics, and kinetics, normal human locomotion, force vectors, observational and instrumented gait analysis. Offered Fall

HEA 547. Gait Analysis and Pathomechanics for O & P. (1 Units)

Prerequisite: HEA 545 or consent of instructor. Examination and assessment of how and why an individual's gait deviates from normal human locomotion when they are utilizing an orthotic or prosthetic device designed for application distal to the knee.
Offered Fall

HEA 551. Prosthetic Management of the Upper Limb. (3 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required.
Comprehensive study of upper limb prosthetic management, including transradial, transhumeral, partial hand, elbow and shoulder disarticulation amputations. Includes evaluation; assessment; treatment plan formulation, implementation and follow-up to promote positive outcomes using evidence-based practice.
Offered Spring

HEA 552. Prosthetic Management of the Lower Limb I. (4 Units)

Prerequisites: HEA 508, HEA 516, and HEA 545 are required. Management of amputations distal to the knee, including Transtibial, Symes and Partial Foot. Patient assessment, formulation of treatment plans, and implementation through measurement, casting, fabrication, and fitting of patients. Pathologies, surgical procedures, components, biomechanics, gait and outcome measures.
Offered Spring

HEA 554. Prosthetic Management of the Lower Limb II. (5 Units)

Prerequisite: HEA 552 is required. Management of amputations proximal to the knee, including Knee Disarticulation, Trans Femoral and Hip Disarticulation. Includes all aspects of patient assessment, formulation of treatment plans, and implementation through measurement, casting, fabrication and fitting to promote positive outcomes.
Offered Spring

HEA 580. Applied Technologies in Orthotics and Prosthetics. (1 Units)

Prerequisite: HSC 500 is required. Integration of non-traditional techniques in the measurement, fabrication, and delivery of devices in contemporary O & P practice. This includes knowledge of computer aided design, electrical circuitry, and biomechanical and biomedical engineering concepts.
Offered Summer

HEA 592. Subspecialties in Orthotics and Prosthetics. (2 Units)

Prerequisites: HEA 541, HEA 542, HEA 551 and HEA 552 are required, or consent of instructor. Student driven course in areas of advanced skills, infrequently used devices, or unique goals in O & P. Lecture and demonstration with pediatric, geriatric, recreational and special use clients. Development of evaluation, assessment, and treatment plans through case studies and live interaction.
Offered As needed

HEA 593. Culminating Activity in Orthotics and Prosthetics. (3 Units)

Prerequisites: Advancement to Candidacy MS in Health Science: Orthotics and Prosthetics Option requires a portfolio as the culminating experience. The portfolio is an accumulation of a direct research paper, practical exams, written and written simulation exams, oral exams, gait analysis and clinical patient scenarios.
Offered As needed

HEA 596. Clinical Practicum in Orthotics and Prosthetics. (1-4 Units)

Prerequisites: HEA 508 and HEA 516 are required. Fieldwork and in-depth study of discipline related topics under the direction of Division of Health Sciences faculty member. Repeatable for credit for a maximum of eleven (11) units.
Offered Fall, Spring, Summer

Health Sciences (HSC)

HSC 491. Management in Health Sciences. (3 Units)

Prerequisite: HEA 201. Presentation and discussion of current concepts and trends in the administration and management of the health sciences. Educational/instructional methodologies. Student projects, written and oral.
Offered Fall, Spring

HSC 500. Health Care Leadership & Mgt. (3 Units)

Examines the structure, management and interrelationship of health care organizations across the spectrum of care in light of classical and contemporary management theory, and provides understanding of the unique relationship within and between health care organizations and professionals.
Offered Fall

HSC 501. Advanced Research Methods in Health Science. (1-3 Units)

Prerequisites: HEA 479 or equivalent and MAT 131 or equivalent. Theory and practice of experimental, correlation and descriptive research. Computer application of statistical packages to data sets. Two hours of lecture and two hours of laboratory per week.
Offered Fall, Spring

HSC 502. Principles of Epidemiology. (3 Units)

Overview of principles and methods of epidemiology and application to distribution of health and illness in society. Examines risk factors associated with incidence and prevalence of acute and chronic diseases in diverse populations.
Offered Spring

HSC 503. Health Prom & Disease Prev. (3 Units)

Study of health behaviors and evaluation of community intervention strategies for the promotion of health and prevention of disease in diverse populations.
Offered Fall, Spring

HSC 504. Hea Policy & Adm for Hea Prof. (3 Units)

Examination of current health policy issues and health care administrative practices for health professionals. Emphasis on health care reform, managed care, case management, personnel management, financial management, the health care team, Patient Focused Care, Continuous Quality Improvement.
Offered Fall

HSC 505. Teac Strat for Health Prof. (3 Units)

Prerequisite: HSC 500. Study of effective teaching and evaluation methods in health sciences, including principles of teaching and learning, curriculum development, problem-based learning, competency-based outcomes assessment, group dynamics, and instructional media.
Offered Fall

HSC 506. Critical Assess of Hea Sci Lit. (3 Units)

Prerequisites: HSC 501, or completion of HEA 479 or equivalent and MAT 131 or equivalent, and consent of instructor. Critical assessment of health literature in terms of research methods, application of research findings, and policy implications.
Offered Fall, Spring

HSC 507. Meas & Assess in HP Educ. (3 Units)

Prerequisite: HSC 500. The course focuses on issues of measurement and assessment in teaching in the health professions. Emphasis is placed on approaches to testing, types of instruments, validity, reliability, and item analysis. Examines methods and approaches to evaluation of scientific research.
Offered Fall, Spring

HSC 508. Ethical Issues in HC Mgt. (3 Units)

Prerequisite: HSC 500 is recommended. Review of ethical decision-making theories and moral principles related to health care organizational management, biomedical advances, end-of-life criteria, access to care, and the establishment, composition, and responsibilities of medical ethics committees and ethical codes of conduct.

Offered Spring

HSC 509. Commun & GP Dyn in HC. (3 Units)

Prerequisite: HSC 500 is recommended. Assists students in understanding and improving interpersonal communication skills through structured exercises in professional presentations, scientific writing, skill development in health information technologies, and interacting with health personnel and practitioners in healthcare organizations.

Offered Fall, Spring

HSC 512. Principles of Managed Care. (3 Units)

Prerequisite: HSC 500. Analyzes the implications to providers, consumers, and payers of managed care including the financial and operational values of capitation and other reimbursement mechanisms, medical group formation and valuation, risk assessment, and contractual issues of price, service, and payment.

Offered Fall, Spring

HSC 515. Org Theory & Behavior in HS. (3 Units)

Prerequisite: HSC 500; completion of core requirements is recommended. Reviews organizational design, behavior and theory as an interdisciplinary approach to understanding health service organizations. Issues of workforce diversity, organizational development, reengineering and the use of teams to improve efficiency are analyzed.

Offered Fall

HSC 518. Fin & Cost Accounting. (3 Units)

Prerequisite: HSC 500. Presents principles and perspectives of financial and cost management of profit and not-for-profit health care organizations with specific emphasis on the integration of contractual allowance, capitation management, cost-center accounting and reimbursement policy impact on financial management.

Offered Fall, Spring

HSC 521. Compl Hea Law & Res. (3 Units)

Prerequisite: HSC 500. Covers legal theories, issues, and government regulations as they pertain to management of and compliance with recognized standards of medical research and clinical trials.

Offered Fall, Spring

HSC 524. HS Res & Funded Projects. (3 Units)

Prerequisite: HSC 500. Analysis of funded research projects in the health sciences, including study design, sampling, data analysis and significance of the research proposal in preparing a grant application. Critical analysis of the literature and identification of appropriate funding opportunities for grant projects.

Offered Fall, Spring

HSC 530. HC Strat Plan & Market. (3 Units)

Prerequisite: HSC 500. Presents the principles and theoretical foundation of health care strategic and tactical planning, marketing, business development, managed care contract maximization, and financial analysis and modeling of alternative short and long-range strategies across the continuum of health care.

Offered Fall, Spring

HSC 594. Ind Study in Health Science. (1-3 Units)

Independent study, including research or field experience under supervision of a faculty member. Independent study contract required.

Repeatable course.

Offered Fall, Spring

HSC 595. Special Topics. (1-3 Units)

Advanced course of interest to graduate students in the health sciences. Specific topic and content will vary as announced. Repeatable course.

Offered Fall, Spring

HSC 596. Pract in Prof Studies. (3 Units)

Prerequisite: Completion of core courses. Fieldwork and in-depth study of a discipline related topic under the direction of Division of Health Sciences faculty member. Graded CR/NC only. Nine hours of laboratory per week. Repeatable for credit for up to a maximum of six units.

Offered Fall, Spring

HSC 598. Directed Research. (1 Units)

Research on a subject related to the option which is suitable for professional presentation or publication. Specific topic of the research must be approved and directed by an instructor. A maximum of 2 units may be applied toward the master's degree. Repeatable course.

Offered Spring, Summer

HSC 599. Graduate Capstone Activity. (1 Units)

Prerequisites: Advancement to Candidacy and completion of all core courses and HEA 598. Writing and presentation of a research project under supervision with assigned faculty.

Offered Fall, Spring

HSC 600. Project Continuation Course. (1 Units)

Students who have completed all coursework except HSC 599 Graduate Capstone Activity may maintain continuous attendance by enrolling in this course. Signature of graduate coordinator is required.

Offered Fall, Spring

History (HIS)

HIS 101. History Of United States. (3 Units)

A study of the ideals, creeds, institutions, and behavior of the peoples of the United States. Meets the State requirement in U.S. History.

Offered Fall, Spring, Summer, All terms

HIS 120. World History I. (3 Units)

Explores the early development of societies around the world and their increasing interactions to 1500. Reviews the rise of cities and empires, and major political, social, economic and cultural developments prior to the modern period.

Offered Fall, Spring

HIS 121. World History II. (3 Units)

Explores the regional and global interactions and exchanges that have shaped the world since 1500. Treats the major demographic, socio-economic, cultural and political patterns and changes that distinguish the modern period in world history.

Offered Fall, Spring

HIS 300. Theory and Practice of History. (3 Units)

Introduces students to the theory and practice of history. Explores the major philosophies of history and reviews current trends in the field. Introduces students to disciplinary research, thinking and writing skills, including the use of library resources, the analysis and interpretation of primary and secondary sources, the forms of disciplinary composition, and documentation standards.

Offered Fall, Spring

HIS 301. Individual, Family, and Community in Historic Perspective. (3 Units)

Concentrates upon factors that contribute to shaping of individual, family, community, and regional history. Emphasis upon personal histories and individual relationships to immediate environment. Includes ethnic settlements, historic sites, oral histories, generations.
Offered Fall, Spring

HIS 302. Practicum In Applied History. (3 Units)

Offered Fall, Spring

HIS 305. World History for Teachers. (3 Units)

Prerequisite: HIS 120 and HIS 121 are required. Topics in world history is taught in grades 6, 7 and 10 in California schools. Emphasizes growth of world history as a field, regional and global patterns of continuity and change, and cross-cultural exchange as a source of historical development.
Offered Fall

HIS 310. The Ancient World. (3 Units)

The survey of the history of the ancient world with emphasis on the earliest civilizations of the Near East, classical Greece, and the rise and fall of the Roman Empire.
Offered Fall

HIS 311. Medieval Europe. (3 Units)

Europe from the decline of Rome in the West to the fourteenth century. Political, economic, institutional, religious, and cultural changes. The fortunes of Empire and Papacy, early Islam, the Byzantine Empire, and the renaissance of the twelfth century.
Offered Infrequent

HIS 312. Renaissance and Reformation. (3 Units)

The Italian Renaissance through the Thirty Years' War; the rise of national states, the Protestant revolt, the Counter-Reformation, the hegemony of Spain, and the attendant commercial revolution of the Atlantic World.
Offered Spring

HIS 313. The Age of Absolutism and Enlightenment. (3 Units)

Course examines the African American experience from African slave trade through emancipation. Themes include the Atlantic Slave Trade; slavery and slave resistance; the emergence of African American culture; free black communities; black abolitionism; and black participation in the military.
Offered Fall

HIS 314. Emergence Modern Europe. (3 Units)

The dissolution of traditional societies in Europe and the emergence of modern ideology, from the Enlightenment through the French and Industrial revolutions to the period of internal strife and power politics at the end of the 19th century.
Offered Fall

HIS 315. 20th Century Europe. (3 Units)

The formation of present-day Europe amid continued industrialization, war, social and political ferment from the opening of the century to the present.
Offered Spring

HIS 318. History of Medieval Russia. (3 Units)

Prerequisites: HIS 120 and HIS 121 are recommended. This course surveys the history of Russia from the founding of Kievan Rus' to the end of the seventeenth century. Topics include migrations of the Eastern Slavs; state formation; Russia under the Golden Horde; the history of Tsardom of Muscovy.
Offered Fall

HIS 319. History of Imperial Russia, 1689-1917. (3 Units)

Prerequisite: HIS 121 is recommended. This course surveys the history of Russia from 1689 to the Russian Revolution. Topics include the impact of Peter the Great; imperial responses to revolution, nationalism, and industrialization; the birth of the Russian intelligentsia; and the origins of the Revolution.
Offered Spring

HIS 320. History of the USSR and Post-Soviet Russia. (3 Units)

Prerequisite: HIS 121 is recommended. This course explores Russian history from 1917 to the present. Major topics include the origins of the Revolution; the rise of Bolshevism; the Russian Civil War; Stalinism; World War II; post-Stalin reforms; the dissolution of the USSR; and major Post-Soviet developments.
Offered All terms, Fall

HIS 330. US Colonial Period. (3 Units)

The discovery, founding and expansion of colonial settlements to 1740. The relation of European institutions and plans to American ideas, experience, and reality.
Offered Fall

HIS 331. United States: Revolutionary and Constitutional Period. (3 Units)

Evolution of the revolutionary movement in the North American colonies. Anglo-American imperial problems, culminating in the Confederation period and the drafting of the American Constitution, 1740 to 1789.
Offered Spring

HIS 332. US Early National Period. (3 Units)

A study of the national experience from the Constitution through the era of sectional conflict. Includes expansion of the Union westward, the emergence of a national character, and sectional rivalries leading to conflict at mid-century.
Offered Spring

HIS 333. United States: Civil War and Reconstruction. (3 Units)

Social, political, and economic origins of sectionalism and breakup of the Union; military campaigns and the home front in wartime; reconstruction in the South. Focus on the years 1849-1877 and their legacy to later generations.
Offered Fall

HIS 334. Emergence of Modern America. (3 Units)

The triumph of the industrial revolution in the post-Civil War period and the response of agrarian and progressive protest. The rise of the United States to world power and involvement in international affairs prior to World War I.
Offered Fall

HIS 335. United States: War and Depression. (3 Units)

Major developments in American life and institutions from the beginning of World War I to the end of World War II. Consideration of the social, economic, and political implications of prosperity, depression, and two world wars.
Offered Fall

HIS 336. United States: Recent Period. (3 Units)

Major developments in American life and institutions since World War II. Consideration of domestic politics from Truman to Reagan, effects of mass technology, the civil rights struggle, and confrontations with the communist world.
Offered Spring

HIS 340. American West. (3 Units)

Evaluates successive American wests from the pre-Columbian era to the present. Major themes include the Turner thesis, socio-economic, cultural, and political consequences of American colonization, and ways in which women, African Americans, Hispanics, and American Indians shaped the American West.

Offered Infrequent

HIS 341. California. (3 Units)

The social, political, and cultural history of California, from the period of Spanish exploration to the present; emphasis on adjustments of differing ethnic groups.

Offered Fall, Spring

HIS 342. Native American History. (3 Units)

Prerequisite: HIS 101 OR Equivalent. Survey of Native American history from the pre-contact period to the present. Examines Native histories and cultures, inter-tribal relations, European colonial and U.S. federal Indian policies, identity policies, tribal sovereignty, and modern self-determination movements.

Offered All terms, Fall

HIS 343. African American History from Africa to Reconstruction. (3 Units)

Traces principle economic, political and social trends in Latin America, post-independence. Considers the wide variety of local, regional, and national responses to questions about modernity, development, and social justice. Special attention paid to issues of class, race and gender.

Offered Infrequent

HIS 344. African American History: Reconstruction to the Present. (3 Units)

Course explores African American history from Emancipation to the present. Themes include Reconstruction; the Great Migration; the Harlem Renaissance; the Great Depression; the New Deal; World War II; the Civil Rights Movement; the Black Power Movement; and contemporary racial politics.

Offered Infrequent, All terms

HIS 345. History of the Mexican American People I. (3 Units)

Mexican American life to 1900, stressing the evolution of economic and political thought, social institutions, and cultural expressions.

Offered Infrequent

HIS 346. History of the Mexican American People II. (3 Units)

The Mexican American's contributions to the building of the Southwest; the clash between Mexicans and North Americans; the emergence of the urban Mexican American.

Offered Infrequent

HIS 348. Labor In American Society. (3 Units)

The role of labor in the political, economic, and social life of the U.S. , including growth of organized labor, rival ideologies, legal decisions, and contributions of various ethnic groups, from the colonial period to the present.

Offered Spring

HIS 352. Topics in United States Foreign Relations History. (3 Units)

Prerequisite: HIS 101 or equivalent is required. Topics in United States foreign relations history. Courses emphasize interaction of strategic, political, economic and cultural factors in policy making and implementation, as well as, impact of major international events on American and global society, economy, and government.

Offered Fall

HIS 353. Terrorism and Totalitarianism. (3 Units)

Prerequisite: HIS 121 is required. Introduction to history, definitions, tactics, uses, philosophical and socio-political origins of terrorism and terrorist organizations, and to political systems such as fascism and Marxism which have adopted elements of terrorism as a means of controlling populations and the political process.

Offered Infrequent

HIS 354. History of American Immigration. (3 Units)

Historical trends, movements, and patterns of global immigration to the United States . Topics of study include: motives for immigration; anti-immigration sentiments and activities; legal and political responses; role of distinctive cultural groups; assimilation and nonconformity.

Offered Spring

HIS 355. American Civil Rights History. (3 Units)

Prerequisite: ENG 110 or ENG 108/109 is required. Junior status is required. Covers the long history of civil rights in the United States from the antebellum to the present with special emphasis on the non-violent movements of the Cold War era.

Offered Fall, Spring

HIS 356. American Environmental History: American Environment from Pre-Contact (prior to 1500) to the Present. (3 Units)

Prerequisite: HIS 101 is required. Explores the environmental history of the continental United States from the pre-contact period (prior to 1500) to the present. Examines how humans have altered the American environment and how environmental factors have shaped the course of American history.

Offered Fall

HIS 360. African History to the 1880's. (3 Units)

African historiography and history to the 1880's, covering themes such as human origins, environment, trade, cultural exchanges and migrations in the Indian Ocean, Mediterranean and Atlantic Worlds, and Arab/Asia/European conquest and settlement in shaping diverse societies.

Offered Infrequent

HIS 361. African History from the Colonial Era to the Present. (3 Units)

African history from the 1180's to the present, including topics on European conquest, the invention of tribalism, and the creation of new settler states, nationalist movements leading to independence, and the challenges faced by post-colonial states.

Offered Infrequent

HIS 362. Traditional China. (3 Units)

The origins and evolution of Chinese civilization and the influence of China on East Asia prior to the 19th century Western impact.

Offered Infrequent

HIS 363. Modern China. (3 Units)

China from 1840 to the present. Western impact on traditional China and the Chinese response. Analysis of attempts to modernize China . A history of the Chinese communist movement since 1921 . Society, politics and culture of the People's Republic of China focusing on the era of Mao Zedong (1949-1976).

Offered Infrequent

HIS 364. Traditional Japan. (3 Units)

Origins and evolution of Japanese social, cultural, intellectual, and political traditions until the 19th Century Western impact. Foundation for comparison and contrast of Japan before and after the Meiji Restoration.

Offered Infrequent

HIS 365. Modern Japan. (3 Units)

Japan from the late Tokugawa period to the present. Western impact on traditional Japan and the Japanese response; the development of a modern state, economy, and society.

Offered Infrequent

HIS 366. Colonial Latin America. (3 Units)

Latin America from conquest to independence movements of the early nineteenth century. A general overview of colonial society, culture, economics, and politics. Special attention paid to issues of gender, race, and ethnicity, and questions of history and memory.

Offered Fall

HIS 367. Modern Latin America. (3 Units)

Offered Spring

HIS 368. Mexico: Colonial. (3 Units)

Explores pre-Columbian Mexican civilizations, especially the Mexica; examines Spanish conquests and the influence of race, class, and gender on the development of colonial Mexican society; contrasts northern, central and southern regions; investigates Mexican independence.

Offered Fall

HIS 369. Mexico: National Period. (3 Units)

Traces colonial legacies, including those of race, class and gender in post-independence Mexico; analyzes the Mexican liberal tradition, nationalism, the Mexican Revolution and late 20th Century neo-liberalism; examines US-Mexican relations; investigates socio-cultural, economic and political issues.

Offered Spring

HIS 370. History of Early Monotheism. (3 Units)

The origins and development of Judaism, Christianity, and Islam through 1000 C.E. Examines key historical theories and controversies, and the mutual cultural, political, economic impacts of these religions and their societies. Explores key beliefs and practices of each faith.

Offered Spring

HIS 373. The City In History. (3 Units)

The rise of the city from earliest times to the present tracing the establishment and growth of cities as institutions and the development of the process of urbanization; comparison of selected cities.

Offered Infrequent

HIS 375. Pop Culture in History. (3 Units)

Course examines how cultural producers have used various popular mediums including art, music, theater, literature, oral traditions, and televisions to articulate identities and to challenge hegemonic discourses of class, race, ethnicity, and gender as well as the structural inequalities they support. Repeatable for credit.

Offered Spring

HIS 376. Film As History. (3 Units)

The historical analysis of films as manuscripts and source materials for social and intellectual thought in the twentieth century. Emphasis to vary from semester to semester, for example: Film as History: The Great Depression; or Film as History: Latin America.

Offered Fall

HIS 379. The Family In History. (3 Units)

Family relationships, sexual attitudes, patterns of growing up and growing old in various societies, and minority groups, as they have evolved with social and economic changes in various historical contexts.

Offered Spring

HIS 380. Women In History. (3 Units)

Changing role of women in the family, political economy and culture of various societies. Topics vary, for example, Women in History: Sex Roles in North and South America; Women in History: Women in China ; Women in History: Sex roles and Feminism in the United States.

Offered Fall

HIS 395. Special Topic In History.. (3 Units)

Intensive study of a single period, area, figure, movement, or idea in history. Topic may be either departmental or interdisciplinary, but focus is historical, and may be single instructor or team taught. Example: Special Topics: Revolution.

Offered Infrequent

HIS 400. Proseminar in History. (3 Units)

Prerequisites: C or better in HIS 300 is required. Provides advanced disciplinary training designed to prepare students to undertake independent historical research. Offers advanced instruction in historical research and writing through exercises in historiographic analysis based on intensive collective studies of important events or themes in history. A grade of C or better in this course fulfills the GWAR requirement for all History majors and minors.

Offered All terms, Fall, Spring

HIS 490. Senior Seminar In History. (3 Units)

Prerequisite: HIS 400 with grade of C or better. Collective examination of a topic in depth. Students will undertake a major research project utilizing historical skills. Three hours of seminar per week.

Offered Fall, Spring

HIS 494. Independent Study. (1-3 Units)

Prerequisite: HIS 300, HIS 400. Independent study of a particular problem under the direction of a faculty member of the History Department.

Offered Fall, Spring

HIS 498. Directed Research in History. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered As needed

HIS 500. Colloq Community History. (3 Units)

Offered Infrequent

HIS 502. Systems/Thry/Res In His. (3 Units)

Offered Infrequent

HIS 520. Sem In Hist Preservation. (3 Units)

Prerequisites: Courses in art history and appreciation are recommended. An in-depth study of such subjects as a single artist, a period, or a movement or theme in art history. Student should have a sufficient background in art vocabulary and concepts to participate. Three hours of seminar per week.

Offered Infrequent

HIS 540. Sem In Mus & Matrl Cult. (3 Units)

Offered Infrequent

HIS 550. Sem Archives. (3 Units)

Offered Infrequent

Human Resources Management (HRM)

HRM 313. Human Resources Management. (3 Units)

Current theory and practice of the personnel function in organizations. Includes job analysis, recruiting, selection, training and development, compensation, performance evaluation and contemporary quality of work life issues and job redesign; uses case analysis, lecture and role-playing. Offered Fall, Spring, Summer

HRM 316. Labor & Industrial Relations. (3 Units)

The Labor/Management process in private sector organizations; development of employee organizations; collective bargaining; contract administration; labor law, labor economics; role of the NLRB and the FMCS; case analysis and role-playing. Offered Fall, Spring

HRM 318. Training and Development. (3 Units)

Practical skills needed to design and facilitate effective training programs in organizations. This highly interactive course focuses on strategies for assessing, designing, and implementing training and development efforts that positively impact the performance of the individual and the work group. Offered Fall

HRM 321. Compensation and Benefits. (3 Units)

Prerequisite: MGT 310. Focuses on best practices in compensation, particularly how to design effective compensation systems. Topics will include legal aspects of compensation and design of base pay systems, incentive plans, and benefit packages. Offered Fall, Spring

HRM 425. Seminar in Strategic HRM. (3 Units)

Prerequisite: MGT 310, HRM 313 and HRM 321 (or concurrent enrollment). Integrates human resource management functions from the strategic perspective, dealing with environments, Human Resources Management (HRM) strategies, HR planning, legal issues, and labor relations in combination with basic HRM functions. Focuses on both theoretical and practical aspects. Offered Fall, Spring

HRM 520. Essentials of HRM. (3 Units)

Prerequisites: MGT 500 or concurrent enrollment. Focuses on best practices in essential areas of human resource management: job analysis, recruiting, selection, training and development. Students learn how to develop effective HR selection practices, as well as training programs and career paths that motivate employees. Offered Infrequent

HRM 521. Compensation and Benefits. (3 Units)

Prerequisites: HRM 520 and MGT 500. Focuses on best practices in compensation. Students will learn how to design effective compensation plans and policies, as well as laws regarding pay and benefits. Offered Infrequent

HRM 525. Strategic HRM. (3 Units)

Prerequisites: HRM 520 and HRM 521 (HRM 521 may be taken concurrently). Focuses on strategic aspects of human resource management, including strategic perspectives on human resources, labor relations, legal issues and global human resource management. Uses both a theoretical approach and real work-setting case application. Offered Infrequent

Human Services (HUS)

HUS 195. Special Topics in Human Services. (1-3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Offered Infrequent

HUS 295. Special Topics in Human Services. (1-3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Offered Infrequent

HUS 300. Introduction To Human Services. (3 Units)

Introduction to human services as a profession. Exploration of social forces that contribute to human needs, issues and problems related to planning, delivering and evaluating programs. Some site visits are required. Offered Fall, Spring

HUS 307. Principles of Mental Health Recovery. (3 Units)

Prerequisite: HUS 300. Co-requisites: HUS 380 and HUS 381. Examines the history of mental health treatment and the disparity between recent research findings and current treatment modalities. The concept of recover from mental illness will be presented with a focus on psychiatric rehabilitation (PSR) as a treatment modality support recovery. Offered Fall, Spring

HUS 310. Helping and Professional Relationships. (3 Units)

Prerequisites: HUS 300. Co-requisites: HUS 380 and HUS 381. Course will focus on developing professional helping skills with and emphasis on ethical and professional behavior. Through research and writing in the disciplinary genres, students will develop verbal and non-verbal communication skills commonly used in the helping professions. A grade of C or better in this course fulfills the GWAR requirement for all Human Services majors. Offered Fall, Spring

HUS 311. Interventions and Strategies of Mental Health Recovery I. (3 Units)

Prerequisites: HUS 300. Co-requisites: HUS 380 and HUS 381. Examines interventions and strategies that enhance recovery from mental illness. Tools and skills needed as a mental health practitioner will be introduced, explored and practiced during the course. Offered Fall, Spring

HUS 315. Intercultural Communication for Human Services. (3 Units)

Prerequisite: HUS 300 is required. Course is designed to facilitate students' communication skills including becoming more sensitive to intercultural communication differences, and to provide them with the knowledge and skills that will help them interact successfully with clients, coworkers, supervisors and communities who are from different cultures. Offered Fall, Spring

HUS 330. Human Behavior and the Social Environment. (3 Units)

Prerequisite: HUS 300. Critically applies human services theories on the assessment of human behavior in the biological, psychological and social development of people over the lifespan with special focus on diversity such as race, gender, class and disabilities. Offered Fall, Spring, Summer

HUS 368. Interventions and Strategies of Mental Health recovery II. (3 Units)

Prerequisites: HUS 300, HUS 307 and HUS 311. Co-requisites: HUS 484 and HUS 485. This course will focus on the three major evidenced based therapies (Cognitive Behavior-CBT, Dialectical Behavioral-DBT, and Motivational Interviewing- MIT) that help people with severe and persistent mental illness.

Offered Spring

HUS 380. Fieldwork Practicum in Human Services I. (2 Units)

Corequisite: HUS 381 is required. This is the first of three supervised fieldwork experience with an emphasis on human services and educational settings. students will examine structure and functioning, observe professional relationships and discover interagency network. Students will then begin to apply their knowledge to basic level helping skills with agency clients. May not be taken concurrently with any other fieldwork courses.

Offered Fall, Spring

HUS 381. Seminar in Human Services I. (1 Units)

Corequisite: HUS 380 is required. First of three fieldwork seminar courses in Human Services, which is structured to facilitate integration of Human Services knowledge and theory with practical fieldwork application. Students will be able to examine and integrate personal and professional values and understand their personal selves as participants in professional roles. Each weekly seminar will include time to problem solve and share field experiences.

Offered Fall, Spring

HUS 390. Field Practicum in HUS II. (2 Units)

Prerequisites: HUS 300, HUS 380 and HUS 381. Co-requisites: HUS 391 and HUS 400 required. Second of three supervised fieldwork experiences with an emphasis on human services and educational settings. Students will apply their knowledge of human services theory and skills to intermediate level of helping with agency clientele. This course is taken concurrently with HUS 391 Seminary in Human Services II. May not be taken concurrently, however, with any other field work courses. CR/NC grading.

Offered Fall, Spring, Summer

HUS 391. Seminar in Human Services II. (1 Units)

Prerequisites: HUS 300, HUS 380 and HUS 381. Co-requisites: HUS 390 and HUS 400 required. Second of three fieldwork seminar courses in Human Services with is structured to facilitate integration of Human Services knowledge and theory with practical fieldwork application. Students will be able to examine and integrate personal and professional values and understand their personal selves as participants in professional roles. Each weekly seminar will include time to problem solve and share field experiences.

Offered Fall, Spring, Summer

HUS 395. Spc Topics in Human Services. (1-3 Units)

Study of a topic of interest to the Human Services profession. Topics will vary as announced but generally focus on the delivery of human services by examining theories, policies, advocacy, and methods. Three hours of lecture per week.

Offered As needed

HUS 396. Practicum in Human Services. (3 Units)

Prerequisite: HUS 300. May not be taken concurrently with any other field course. Supervised field experience, with an emphasis on human services and educational settings. Supervision emphasizes training and application of clinical, interviewing, and other helping skills, didactic methods, group techniques, methods of evaluation and/or other skills specific to fieldwork needs.

Offered As needed

HUS 400. Case Management. (3 Units)

Prerequisite: HUS 300. Co-requisites: HUS 390 and HUS 391. Models of institutional service delivery and case management systems. Principles of and critical issues in case management, including collaborative and interagency services.

Offered Fall, Spring, Summer

HUS 410. Advanced Case Management - Working with Special Populations. (3 Units)

Prerequisites: HUS 300, HUS 310, HUS 380, HUS 381, HUS 390, and HUS 400 are required. Co-requisite: HUS 480 and HUS 481 are required. Focuses on introducing students to different populations commonly seen in human services agencies. Course will address theoretical underpinnings for human services and contain the basic description of best practice that will focus the student's attention on how to carry out certain functions ethically and competently.

Offered Fall, Spring

HUS 460. Research Methods for Human Services. (3 Units)

Prerequisite: HUS 300. Elementary statistics. This course is an overview of research methods in human services, including study design, sampling data collection and analysis, statistical techniques and report writing. Also included is a critical analysis of published research and examination of relevance of data to decision making.

Offered Fall, Spring, Summer

HUS 480. Fieldwork Practicum in Human Services III. (2 Units)

Prerequisites: HUS 300, HUS 380, HUS 381, HUS 390 and HUS 391 are required. Co-requisites: HUS 410 and HUS 481 are required. Third of three supervised fieldwork experiences with an emphasis on human services and educational settings. Students will apply their knowledge of human services theory and skills at an intermediate level of helping with agency clientele. This course is taken concurrently with HUS 481 Seminar in Human Services III. May not be taken concurrently, however, with any other fieldwork courses. Students complete 180 hours in their fieldwork placement.

Offered Fall, Spring

HUS 481. Seminar in Human Services III. (1 Units)

Prerequisites: HUS 300, HUS 380, HUS 381, HUS 390 and HUS 391 are required. Co-requisites: HUS 410 and HUS 481 are required. This is the third of three fieldwork seminar courses in Human Services which is structured to facilitate integration of Human Services knowledge and theory with practical fieldwork application. Students will be able to examine and integrate personal and professional values and understand their personal selves as participants in professional roles. Each weekly seminar will include time to problem solve and share field experiences. Students must also do an oral case presentation with one of their clients. This course is taken concurrently with HUS 480 and cannot be taken concurrently with any other fieldwork course. Students complete 180 hours in their fieldwork placement.

Offered Fall, Spring

HUS 484. Practicum in MHR. (2 Units)

Prerequisites: HUS 307 and HUS 311. Co-requisites: HUS 368 and HUS 485. Supervised field experience with an emphasis on mental health recovery and working with the severely and persistently mentally ill. Students are placed in a community mental health agency where they will apply their knowledge and skills of mental health recovery. CR/NC grading.

Offered Spring

HUS 485. Seminar in Mental Health Recovery. (1 Units)

Prerequisites: HUS 307 and HUS 311. Co-requisites: HUS 368 and HUS 484. Weekly seminar course structured to facilitate the integration of mental health recovery knowledge and skills with practical field application. The seminar is designed to allow students to achieve integration of classroom learning with direct experiences in the agency setting.

Offered Spring

HUS 490. International Studies in HUS. (3 Units)

Prerequisite: HUS 300 required. The course focuses on the comparative analyses of human services policies and service between the U.S. and the host country (varies). Students will travel abroad to experience first-hand knowledge of the influences of social welfare policy on service delivery.

Offered All terms

HUS 494. Independent Study in Human Services. (1-4 Units)

Prerequisite: Consent of Instructor. A course of study designed cooperatively by student and instructor to accomplish individualized learning objectives that are appropriate to the human services profession.

Offered As needed

HUS 495. Special Topics in Human Services. (1-3 Units)

Prerequisite: Consent of instructor. Advanced course of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered As needed

HUS 496. Internship in Human Services. (3-6 Units)

Prerequisites: HUS 396 Or PSY 396. May not be taken concurrently with any other fieldwork course. Survey of professional and ethical issues in the helping professions. Supervised internships in human services settings.

Offered Fall, Spring, Summer

Humanities (HUM)

HUM 204. Introduction to the Humanities. (3 Units)

An examination of the interrelationships among the humanities (literature, art, music, and philosophy) in Western and global culture from the early modern period to the contemporary period.

Offered Fall, Spring, Summer

HUM 300. Health Humanities. (3 Units)

Health Humanities bridges the arts, humanities, and sciences in studying representations of health and illness. Students will gain a multicultural understanding of perceptions of health practices and practitioners. Topics include self-mutilation (cutting), race and medicine, cancer, music therapy, cloning, aging, and poetry and healing.

Offered Fall, Summer

HUM 301. Mind/Brain and the Arts. (3 Units)

Mind/Brain and the Arts bridges the arts, humanities, and the sciences in examining human creativity, embodied reception of the arts, and creative representations of mental states, including mental health disorders, in relation to the science of the mind/brain.

Offered Spring, Summer

HUM 302. Lives of Faust: Deals with the Devil. (3 Units)

Deals with the devil exert an extraordinary grip on imagination, inspiring creativity and provocative social criticism. This cross-cultural approach to the magician Faust's devil bargain explores its deployment in critique of consumerism, racism, sexism, colonialism, nuclear weapons, and environmental issues.

Offered Spring, Summer

HUM 303. All Creatures Great & Small: Animals from Sacred to Endangered. (3 Units)

Animals have inspired many works in the arts and humanities around the world. This cross-cultural course explores creative representations of species in relation to the sacred, social criticism and humor, commodification, and consumption, in visual culture, literature, music and dance.

Offered Fall

HUM 304. Vampires. (3 Units)

Course takes a cross-cultural approach to the concept of the vampire around the world. Students get their teeth into representations of vampires in the arts and humanities examined from critical and scientific perspectives.

Offered Spring, Summer

HUM 305. Never Lose Infinite Hope: Imagining Justice, Cultivating Mental Wellness. (3 Units)

"[N]ever lose infinite hope.": Martin Luther King, Jr.'s advice inspires this exploration of socially engaged works/practices (art, music, literature, theatre, media) from psychotherapeutic wellness perspectives applying critical race theory in addressing mental wellness of people of color in the US.

Offered Fall, Spring, Summer

HUM 310. Key Concepts. (3 Units)

Prerequisite: HUM 200 or equivalent. Analysis of a major concept in humanistic thought and expression, e.g. the individual and society, success and values in the U.S., death and dying, war and society, global popular music, etc. Repeatable with different topics for credit.

Offered Fall, Spring, Summer

HUM 312. Key Movements. (3 Units)

Prerequisite: HUM 200 or equivalent. Analysis of a major historical movement from a humanistic perspective, e.g. Harlem Renaissance, Modernism, the Jazz Age, African Literature and Culture, Medieval Japan and Europe, etc. Repeatable with different topics for credit.

Offered Fall, Spring, Summer

HUM 314. Key Issues. (3 Units)

Prerequisite: HUM 200 or equivalent. Analysis of major contemporary issues from a humanities perspective. Examples include the role of the arts in society, literature and the rights of women, romantic love, visions of Los Angeles, etc. Repeatable with different topics for credit.

Offered Fall, Spring, Summer, All terms

HUM 490. Seminar In Humanities. (3 Units)

Prerequisites: Completion of 9 units selected from 300 and 400 level Humanities courses. A multidisciplinary synthesis emphasizing cultural, historical, or aesthetic-perceptual insights in the humanities. Topics vary. Three hours of seminar per week.
Offered Infrequent

HUM 496. Internship in Arts and Humanities. (3 Units)

Prerequisites: Senior standing and/or approval of the student's major department is required; completion of a minimum of 27 upper division units in the major is recommended. Directed work experience in fields across the arts and humanities. Ideally, such work provides a practical bridge linking the student's academic studies with the world of work. A minimum of 8 hours per week of supervised work experience under the direction of a professionally-qualified mentor.
Offered Fall, Spring, Summer

HUM 500. The Humanities in the City. (3 Units)

An introduction to graduate level study in the humanities using the theme of the humanities in the city. Three hours of seminar per week.
Offered Fall, Spring, Summer

HUM 512. Texts and Language. (3 Units)

Examination of contemporary issues addressing what we read, how we read, and why we read. Examples from literature and philosophy. Includes the refining of skills in research and writing. Three hours of seminar per week.
Offered Fall

HUM 520. Seminar In Art. (3 Units)

Analysis of visual culture with emphasis upon modern and contemporary models approached through a range of theoretical approaches including those relevant to the cohort theme.
Offered Fall

HUM 522. Seminar In Literature. (3 Units)

Prerequisites: Courses in literary interpretation and history are recommended. Advanced work in a variety of topics in literature; assumes a working knowledge of the basic concepts and vocabulary of the discipline. Three hours of seminar per week.
Offered Fall

HUM 523. Seminar In Music. (3 Units)

Prerequisites: Courses in music history, theory, and appreciation are recommended. Advanced work in a variety of topics including study of a period, a cluster of composers, a movement, or music of a single country. Three hours of seminar per week.
Offered Fall

HUM 524. Seminar In Philosophy. (3 Units)

Prerequisites: Previous courses in philosophy are recommended. Offers advanced work in a variety of topics such as the work of individual philosophers, or specific problems of epistemology or metaphysics. Assumes working knowledge of the basic vocabulary and concepts of the discipline. Three hours of seminar per week.
Offered Spring

HUM 528. Images and Artifacts. (3 Units)

Examination of art, artifacts, architecture, murals, masks and other objects that are carriers of social, cultural, and aesthetic values. Three hours of seminar per week.
Offered Spring

HUM 535. Seminar in Film. (3 Units)

Advanced work in a variety of topics in film studies; assumes a working knowledge of the basic concepts and vocabulary of the discipline.
Offered Spring

HUM 540. Sem His: Moments Crisis. (3 Units)

Prerequisites: Previous courses in history are recommended. The study of a period or theme in history through the lens of the humanities. Assumes a working knowledge of the basic concepts and vocabulary of the discipline. Three hours of seminar per week.
Offered Spring

HUM 582. Performance & Criticism. (3 Units)

A systematic examination of the theory, practice, and aesthetics of formal and informal criticism applied to performances in music, theatre, dance, and art films.
Offered Spring

HUM 594. Independent Study. (3 Units)

Prerequisites: Previous courses in the humanities are required. A special project involving research or creative work. Also extensive reading in consultation with a faculty member. Repeatable course.
Offered Fall, Spring

HUM 595. Special Topics in Humanities. (3 Units)

An intensive study of selected issues in the arts and humanities. Three hours of seminar per week.
Offered Fall

HUM 598. Comprehensive Examination. (3 Units)

Comprehensive examination over coursework and set texts. The degree candidate taking the exam must have either completed all coursework or be planning to complete it in the semester the exam is taken. Preparatory session required.
Offered Fall, Spring

HUM 599. Final Project. (3 Units)

Prerequisites: Advancement to candidacy and consent of program coordinator. Thesis or creative project related to the student's particular combination of humanities studies. If creative project, extensive prior preparation required.
Offered Fall, Spring

HUM 600. Grad Continuation. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, must maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Fall, Spring

Humanities External Degree (HUX)

HUX 345. The Non-Western World: China and Japan. (3 Units)

Interdisciplinary study of the non-western world by focusing on some of the art, philosophy and music of China and Japan.
Offered Infrequent

HUX 346. Alienation, Estrangement, and Subcultures. (3 Units)

Survey of the elements and historical implications of alienation. Examination of Hispanic and African American cultures.
Offered Fall, Infrequent

HUX 347. Images of Humanity: World Religious Perspectives. (3 Units)

Survey of ancient and modern religious systems focusing upon general characteristics of religious belief.
Offered Spring

HUX 448. Val & Morality 20th Century. (3 Units)

Offered Infrequent

HUX 472. Key Persp: Phil. (3 Units)

Offered Infrequent

HUX 474. Age Of Revolution. (3 Units)

Offered Infrequent

HUX 500. Foundations of the Humanities. (3 Units)

Provides an overview of core ideas, research, and writing in the humanities. Traces the historical origins of humanistic ideals and examines the influence of these cultural ideals on human life across time, place and history.

Offered Fall

HUX 506. Introduction to the Humanities. (3 Units)

Provides a non-comprehensive overview of human culture, particularly literature, history, music and philosophy, with an emphasis on diverse cultural and national traditions as well as social justice and morality.

Offered Fall, Spring

HUX 507. Graduate Writing in the Humanities. (3 Units)

Teaches students how to communicate in the humanities through academic writing that is supported by primary and secondary sources. Students will explore a variety of subjects, including art, gender, labor, music and race, to understand the humanities.

Offered Fall

HUX 512. History and the Human Endeavor. (3 Units)

Explores how historians use a variety of documents to understand human thought and behavior. Students analyze and contextualize documents, find sources for their own projects and draw conclusions about the human experience in relation to cohort theme.

Offered Fall

HUX 513. Literature and the Human Experience. (3 Units)

Examines key literary works across a range of genres. Uses various literary methodologies such as structuralism, Marxism, cultural studies and postcolonial theory to explore the multiple ways literature impacts humanity.

Offered Fall

HUX 514. Music and Hearing Humanity. (3 Units)

Presents music as fundamental to human identity. Engaging hey works, students examine composers, popular movements, and music's rich meaning located through focused topics.

Offered Fall, Spring, Summer

HUX 515. Visual Expression and Humanity. (3 Units)

Special Topics course using nonstandard times and/or days to explore issues in the human behavior and attitudes. Repeatable course.

Offered Fall

HUX 516. Philosophy and Human Being. (3 Units)

Offers a philosophical examination of fundamental questions about being human, such as the good life, human nature, the mind/body relation, and the basis of personal identity. Specific attention will be devoted to the current cohort theme.

Offered Fall

HUX 521. Humanities Encounter: The Living Theatre. (3 Units)

How to recognize, appreciate and evaluate a variety of dramatic experiences. Requires extensive notebook of descriptions and analyses of five different types of theatrical performances. Three additional theatrical encounter descriptions and analyses required.

Offered Fall

HUX 522. Humanities Encounter: Concert Music. (3 Units)

Attendance and analysis of several concerts representing the general categories of symphonic, vocal and chamber music. Critical reviews required for each of four musical encounters. Reviews of two additional musical encounters required.

Offered Spring

HUX 523. Humanities Encounter: Historical Sites. (3 Units)

Exploring the historical roots of one's own community. Requires papers (including photographs) involving descriptions and analyses of three different historical sites. Papers on two additional sites required.

Offered Summer

HUX 524. Humanities Encounter: Film. (3 Units)

Watching and analyzing several films with special focus on the techniques and content of the medium. Requires extensive notebook of descriptions and analyses of five different film experiences. Three additional film experience descriptions and analyses required.

Offered Fall, Spring

HUX 525. Philosophy of Punishment. (3 Units)

Explores the theme of incarceration, including its historical roots, within advanced capitalist societies. We will study the writings of Foucault, Bentham, Gramsci, and other prominent commentators who focus critically on incarceration and living in a carceral society.

Offered Fall

HUX 526. Punishment and Popular Culture. (3 Units)

Students will reflect on an array of media sources to more deeply and critically understand popular culture's engagement with criminality and the justice system and to think about popular culture as a possible resource for criminal justice reform.

Offered Fall

HUX 527. History of American Punishment. (3 Units)

Covers the history of punishment in the United States from the 17th century through the present. Emphasizes historiography and the interconnection of different historical narratives and variables in creating the modern penal system.

Offered Fall

HUX 528. Modern Discipline. (3 Units)

Explores the contemporary manifestations of discipline through an interrogation of the diffuse nature of power. The interdisciplinary humanities texts here offer a reflection on the origins of disciplinary relationality (between the state, sovereign, and subject) and how their evolving relations are revealed in technologies of surveillance and security.

Offered Fall, Spring, Summer

HUX 533. Prisoner Movement and Theory. (3 Units)

An in-depth study of transnational social justice oriented prisoner movements. All assigned texts are written by incarcerated or formerly incarcerated peoples. Students will consider systemic roots of carceral violence while studying how incarcerated peoples have resisted and strategized for abolition.

Offered Fall, Spring, Summer

HUX 534. Race, Class and Gender. (3 Units)

Modeled after the traditional Ethnic Studies and Women's Studies course, this course offers an intersectional analysis of the law, policing, incarceration, and their function in stifling marginalized people from building together.

Offered Fall, Spring, Summer

HUX 535. Criminalization, Colonization, and Counterinsurgency. (0 Units)

Offers a historical perspective on the fluidity of criminalization and how it coalesces around specific bodies at different times to justify oppressive systems from colonization to gentrification.

Offered Fall, Spring, Summer

HUX 536. Abolitionist Futures. (3 Units)

Teases out the differences between liberal reform and abolition of prisons while exploring transformative justice, mutual aid, and how people are already working to eliminate the prison industrial complex.

Offered Fall, Spring, Summer

HUX 537. Building and Reforming the Industrial City in the United States. (3 Units)

An interdisciplinary study of cities in the United States from 1880-1920s, with a focus on the history, literature, art, and social movements of the time period. Topics include poverty, housing, labor, and legal reform, and the start of urban planning.

Offered Fall

HUX 538. Whose House Is It Anyway?: Settler Colonialism, Racial Capitalism, and the U.S. Housing Market. (3 Units)

Explores the settler colonial and racial capitalist roots of the U.S. housing market. Students will explore historical and contemporary housing policies and practices, examine empirical data on communities, and imagine how we can build an equitable housing market.

Offered Fall

HUX 539. Creating Communities: Contemporary Urban Planning and Community Development. (3 Units)

Critically assesses the role of urban planning in shaping communities. Students will examine how the regulation of the use of space impacts community formation and inequality, and how it can be used to create more equitable cities.

Offered Fall

HUX 541. The Rational Perspective. (3 Units)

The meaning of rationality from the perspectives of philosophy, history, literature, music, and art. Special emphasis on the possible differences between scientific and humanistic rationality.

Offered Summer

HUX 542. The Para-rational Perspective. (3 Units)

Interdisciplinary exploration of non-rational alternatives in modern culture, focusing on the nonlogical, the visionary, and the religious/mystical.

Offered Fall

HUX 543. The Autonomous Individual. (3 Units)

Interdisciplinary study of the nature of the creative act, including the following: the artist's vision of self; the defenses of personalism; notions of aesthetics and of symbolic thought.

Offered Infrequent

HUX 544. The Individual and Society. (3 Units)

Exploration of the position of the individual in the classic and modern models of social and political organization; conservatism, liberalism, socialism, anarchism; study of the Utopian tradition; and study of aesthetic theories that connect the artist with society.

Offered Infrequent

HUX 545. The Non-Western World. (3 Units)

Interdisciplinary examination of the non-western world by focusing on cultural characteristics of China and Japan.

Offered Infrequent

HUX 547. World Religious Perspectives. (3 Units)

A survey of ancient and modern religious systems, focusing upon an exploration of the general characteristics of religious beliefs.

Offered Summer

HUX 548. Values and Morality in Twentieth Century Thought. (3 Units)

An examination of values and morality in modern culture against a backdrop of seemingly amoral scientific and technological progress.

Offered Fall

HUX 556. Nobel Laureates: Studies in Modern World Literature. (3 Units)

Examination of representative major works by recent Nobel Laureates whose art epitomizes diverse cultural, literary, and social viewpoints. Authors include Mann, Pirandello, Camus, Kawabata, Solzhenitsyn, Neruda and Bellow.

Offered Spring, All terms

HUX 570. Key Periods and Movements, Art: Contemporary. (3 Units)

Exploration of the complex cultural development known as modern art by investigation of six major artistic movements: Cubism, Expressionism, Dada/Surrealism, Pop Art, Conceptual Art and Technological Art.

Offered Spring

HUX 572. Key Periods and Movements, Philosophy: The Biblical Movement. (3 Units)

Examination of modern scholarship on the Bible and its impact on Christianity; analysis of 3 types of Bible interpretation: Fundamentalism, liberalism and humanism.

Offered Spring

HUX 579. The Arab World: 600 AD to Present. (3 Units)

Prerequisite: HUX 501 is recommended. Political and cultural history of the Arab World from the 7th century to the present. Consideration of historiographic problems such as the "Great Man," cycles, and the influence of ideas on events.

Offered Spring

HUX 582. Seminar in History. (3 Units)

Students will learn and use historical practicum skills, including the proper use of primary sources and secondary source texts, to improve their understanding, to create sound argument, and to communicate thoughtfully about the past.

Offered Fall

HUX 586. Seminar in Philosophy. (3 Units)

Examines and evaluates a range of philosophical arguments on the current HUX cohort theme, giving students an opportunity to develop coherent positions on such philosophical issues as the nature of human existence, knowledge, ethical responsibility and human flourishing.

Offered Fall

HUX 590. Humanities Capstone. (3 Units)

This course is designed to enable students to demonstrate the integration of knowledge from various fields in the Humanities. In addition, the course launches students into their larger communities and offers them a deeper knowledge about the connection between systems of oppression, incarceration, and societal re-entry. This course is taken in the student's final semester.

Offered Fall, Spring

HUX 594A. Independent Study: Literature. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Fall, Spring

HUX 594B. Independent Study: History. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Spring

HUX 594C. Independent Study: Philosophy. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Spring, Summer

HUX 594D. Independent Study: Music. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Summer

HUX 594E. Independent Study: Art. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Spring, Summer

HUX 594F. Independent Study: Interdisc Topic. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Fall

HUX 595. Special Topics in the Humanities. (3 Units)

Prerequisite: Consent of program coordinator. Concentrated study of a specialized area in the Humanities on a selected topic of particular interest to faculty and students.

Offered As needed

HUX 598S. Final Project Proposal. (1 Units)

Prerequisites: Completion of Phases I and II; consent of instructor and program coordinator via signed contract. Required of all HUX M.A. students. Must be passed with grade of A-B before registering for Final Project (HUX 599).

Offered Fall, Spring, Summer

HUX 599A. Final Project: Thesis. (4-6 Units)

Prerequisites: Completion of Phases I and II; consent of instructor and program coordinator via signed contract. An individually planned project based on course work taken in the program and involving basic research in a single discipline or an interdisciplinary topic. Supervised Thesis (599A) or Creative Project (599B).

Offered Fall, Spring, Summer

HUX 599B. Final Proj: Creative Project. (4-6 Units)

Prerequisites: Completion of Phases I and II; consent of instructor and program coordinator via signed contract. An individually planned project based on course work taken in the program and involving basic research in a single discipline or an interdisciplinary topic. Supervised Thesis (599A) or Creative Project (599B).

Offered Fall, Spring, Summer

HUX 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis or project, or who have other requirements remaining for the completion of their degree, must maintain continuous attendance by enrolling in this course. May be taken only after Advancement to Candidacy and for a maximum of 3 times.

Offered Fall, Spring, Summer

Information Technology (ITC)

ITC 101. Introduction to Information Technology. (3 Units)

Designed to introduce the fundamentals of information technology. This includes, introduction to a variety of computer tools and computer concepts with an emphasis on information technology

Offered Fall, Spring

ITC 251. System Programming in C and Unix. (3 Units)

Prerequisite: CSC 121 is required. Provides a substantial exposure to the C programming language and the Unix programming environment for students with some prior programming experience but minimal exposure to C.

Offered Fall, Spring

ITC 300. Security in a Digital Society. (3 Units)

This course provides students with an understanding of what is involved in the journey of positioning the computer, security, privacy, internet, and cloud as a valuable service provide to the business and personal life of the digital society.

Offered Fall, Spring

ITC 310. IT Project Management. (3 Units)

Prerequisite: CSC 301 is required. Aims to provide students with the basic skills, knowledge and competence to effectively understand and manage information technology projects. This course prepares students to gain a practical and theoretical foundation for managing IT projects.

Offered Fall, Spring

ITC 395. Selected Topics in Information Technology. (1-3 Units)

Prerequisite: Consent of Instructor. Content varies. Topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.

Offered As needed

ITC 399. IT Practicum. (3 Units)

Prerequisite: Consent of instructor is required. The information technology internship program allows students to gain hands-on experience in a technology environment by spending one semester as an intern in the Information Technology Division or a related area. The internship program provides students with the opportunity to gain technical experience related to their studies and to prepare them for future career opportunities in the field. CR/NC grading only.

Offered Fall, Spring

ITC 453. Database Management Systems (DBMS). (3 Units)

Prerequisite: CSC 311 is required. Covers the design methodology process for databases and how to verify its structural correctness. Students will learn how to implement databases and applications software, primarily in the relational model. This is through using querying languages, primarily SQL, and other database supporting software; and applying the theory behind various database models and query languages. It also includes implementing security and integrity policies relating to databases working in group settings during design.
Offered Fall, Spring

ITC 459. IT Security. (3 Units)

Prerequisite: CSC 311 or consent of instructor is required. Information Technology Security aims at securing systems that remain dependable in the face of malice, error or mischance. This course covers a number of principles, methods, tools and good practices to secure systems.
Offered Fall, Spring

ITC 492. Senior Design. (3 Units)

Prerequisite: ITC 453 is required. Intensive study under the guidance of a member of the Information Technology (IT) faculty to complete a research project from start to end. Students will study system design and total project planning and management. A formal written report and oral presentation will be required.
Offered Fall, Spring

Interdisciplinary Studies (IDS)

IDS 210. Introduction to Environmental Studies. (3 Units)

Provides students with an overview of environmental philosophy, policy, and literature examining a range of interrelated social and scientific aspects of ecological, socioeconomic, political, aesthetic, and technological factors that influence the quality of life on earth.
Offered Fall, Spring, Summer

IDS 255. Lang & Meth Of Sci (PACE). (3 Units)

Offered Infrequent

IDS 295. Special Topics in Interdisciplinary Studies. (3 Units)

A broad study of an issue or a concept in Interdisciplinary Studies that is of special interest to faculty and students. Topics vary (e.g., Special Topics: Labor and the Environment, Environmental Ethics, Global Sustainability; Environmental Literature; Water in the American West). Repeatable course. Three hours of lecture per week.
Offered Fall

IDS 300. Introduction to Interdisciplinary Studies. (3 Units)

Provides an introduction to the theories and practices of interdisciplinary studies in humanities, social sciences, and natural sciences. Course includes research methods, writing for the various disciplines, and development of analytical and synthesizing skills necessary for success in Interdisciplinary Studies.
Offered Fall

IDS 304. Issues in Global Studies. (3 Units)

Explores issues confronting our global community by employing multi-disciplinary, transnational, and post colonial approaches; examines how global studies is defined and its impact historically and currently; acquaints students with regional concerns as distinct from and contributing to global issues.
Offered Fall, Spring

IDS 310. Global Climate Change. (3 Units)

Examines the history of climate science and how acceptance and denial of science impacts the geopolitical landscape, including personal, regional, national, and global responsibility to implement a transition to a just and sustainable future on a finite planet.
Offered Fall, Spring

IDS 312. Interdisciplinary Approaches to the Humanities. (3 Units)

Each topic for this course examines an important issue in the Humanities, using a methodology incorporating multiple disciplines and placing the content in a historical and cultural context.
Offered Fall, Spring

IDS 318. Interdisciplinary Approach to Cultural Pluralism. (3 Units)

Each topic for this course examines an important social issue in the Social Sciences, using a methodology incorporating multidisciplinary approaches, cultural diversity, and social interaction. Repeatable for credit with different topics.
Offered Fall, Spring

IDS 320. Interdisciplinary Topics in Human Studies. (3 Units)

Provides an in-depth study of a topic in human behavior and attitudes. The topic will be examined using interdisciplinary perspectives. Examples of topics include class and careers, immigration and cultural impact and poverty. Repeatable course. Three hours of seminar per week.
Offered Fall, Spring, All terms

IDS 321. Global Los Angeles. (3 Units)

How does a locality - Los Angeles - become identifiable as a global city? One aspect of LA's global status is its diverse population, but other influences include international trade, economic interests, popular culture, environmental entanglements, among many interrelated globalizing factors.
Offered Fall, Spring

IDS 322. Transnational Stories. (3 Units)

Using literature, film, and other visual narrative forms, course explores the differences and commonalities of representation in the works of the human imagination in a global and historical context.
Offered Fall, Spring

IDS 325. Global Gender and Sexuality. (3 Units)

Examines the emergence and development of lesbian, gay, bisexual, transgender rights movements around the world. Course themes include the intersectionalities of race/ethnicity and class with gender and sexuality; the dynamic nature of identity; and cultural, political, religious, and historical contexts.
Offered Fall, Spring

IDS 326. Perspectives In Human Studies. (3 Units)

Special Topics course using nonstandard times and/or days to explore issues in the human behavior and attitudes. Repeatable course.
Offered Fall, Spring, All terms

IDS 330. Interdisciplinary Topics in Civilizations. (3 Units)

Provides an in-depth analysis of a major topic in the history of ideas and institutions through the study of the topic in relation to the disciplines relevant to the topic. Sample topics include archetypal patterns in literature and history of modern thought. Repeatable course.
Offered Fall, Spring, Summer, All terms

IDS 332. Global Conflict and Cooperation. (3 Units)

Using social science methods and providing an historical context, course explores ways in which globalization may generate social, political, economic, or environmental pressures and conflicts as well as elicit and even enable cooperation among individuals, localities, regions, and nations.

Offered Fall, Spring

IDS 336. American Studies in the Humanities. (3 Units)

Provides an in-depth analysis of an issue, region, perspective, or historical era of the United States from a comparative, multidisciplinary humanities perspective. Courses incorporate some of the following disciplines: literature, history, film, philosophy, art, and drama. Repeatable with different topics.

Offered Fall, Spring, All terms

IDS 340. Interdisc Perspectives. (3 Units)

Offered Infrequent

IDS 341. Developing a Digital Professional Identity. (1 Units)

Introduces writing concepts critical to transitioning into a professional writing practice. Students will learn to recognize and apply patterns of writing in professional settings. Students will assess and synthesize organizational information and compose digital compositions for public facing content.

Offered Fall, Spring

IDS 350. Interdisciplinary Topics in Environmental Studies. (3 Units)

Provides an in-depth examination of major concepts in environmental science, including ecology, evolution, diseases, loss of biodiversity, global warming, and the public policies needed to address complex contemporary problems. Courses involve methods of scientific inquiry. Repeatable with different topics.

Offered Fall, Spring

IDS 353. California Ecosystems. (3 Units)

This course will examine the diversity of California's ecosystems historically and the ways they have influenced and responded to human activities. It will also explore the current crisis that these ecosystems face due to climate change.

Offered Fall

IDS 360. Special Studies in Civilizations. (1-3 Units)

Prerequisites: Upper division status and permission of instructor. This course will investigate one or more special topics in Western and/or Non Western civilizations. Instruction will usually include off-campus activity such as, but not limited to, foreign travel. Repeatable course

Offered Infrequent

IDS 395. Special Topics. (1-3 Units)

Intensive study of a particular aspect of interdisciplinarity. Topic may provide the opportunity to pursue a creative endeavor in a seminar setting. Repeatable for credit. Exact topic will be listed in the class schedule.

Offered As needed

IDS 397. Writing Adjunct. (2 Units)

Prerequisites: ENG 108/109 or ENG 110 required. IDS 397 and IDS 398 are two linked courses that provide the opportunity for students to develop a writing practice that allows them to situate themselves as writers, readers, and students within broader disciplinary conversations. Students will become fluent readers and writers across a variety of disciplines as they establish a writing practice. Students will learn and apply theories and scholarship from a variety of disciplines in order to write original essays and/or research projects. At the end of the IDS 397, students will create a writing portfolio to document the transformation of their writing. Students are welcome to take IDS 397 as a stand-alone course for writing support. To fulfill the GVAR requirement, students must take IDS 397 and IDS 398.

Offered Fall, Spring

IDS 398. Writing Adjunct (Competency Certification). (2 Units)

Prerequisite: IDS 397. IDS 397 and IDS 398 are two linked courses that provide the opportunity for students to develop a writing practice that allows them to situate themselves as writers, readers, and students within broader disciplinary conversations. Students will become fluent readers and writers across a variety of disciplines as they establish a writing practice. Students will learn and apply theories and scholarship from a variety of disciplines in order to write original essays and/or research projects. At the end of the IDS 398 students will create a writing portfolio to document the transformation of their writing. When both IDS 397 and IDS 398 are taken, the two courses fulfill GVAR.

Offered Fall, Spring

IDS 490. Interdisciplinary Studies Senior Seminar. (3 Units)

Students draw from their interdisciplinary perspectives and methodologies to address contemporary issues and review and apply theories and information from previous classes. A grade of C or better in this course fulfills the GVAR requirement for all Interdisciplinary Studies majors.

Offered Infrequent

IDS 491. Thematic Proj Proposal. (1 Units)

Prerequisite: Consent of instructor. Supervised development of a proposal which describes the Thematic Project. Proposal will define a problem, outline means to solve problem and describe the final product resulting from the project. Completed proposal contain advisor's justification and will be approved by committee. CR/NC grading.

Offered Fall, Spring

IDS 492. Thematic Proj Fieldwork. (1-4 Units)

Prerequisite: Consent of instructor. Supervised activity in fieldwork and/or research necessary to carry through a thematic project. Repeatable course.

Offered Infrequent

IDS 493. Them Proj:Final Product. (1-4 Units)

Prerequisite: Consent of instructor. Supervised activity in preparation of the final product necessary to carry through a thematic project. Repeatable course.

Offered Infrequent

IDS 494. Independent Study. (2-15 Units)

Independent pursuit of a topic or project which is proposed by the student. Study must be interdisciplinary and must be approved, in advance, by faculty member supervising study. Repeatable course.

Offered Infrequent

IDS 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.
Offered Infrequent

Italian (ITA)

ITA 110. Beginning Italian I. (3 Units)

Graduate level analysis and discussion under direction of supervising faculty member in Labor Studies or a related field.
Offered Fall

ITA 111. Beginning Italian II. (3 Units)

Prerequisite: ITA 110 is required. Continuation of basic instruction in Italian (ITA 110). Training in speaking, listening, reading, and writing for students with prior course in Italian.
Offered Spring

Japanese (JPN)

JPN 110. Beginning Japanese I. (3 Units)

An intensive audio-lingual approach to modern spoken Japanese for students who have no previous work in Japanese (with Japanese progressively replacing English as the medium of classroom communication).
Offered Fall, All terms

JPN 111. Beginning Japanese II. (3 Units)

Prerequisite: JPN 110 or equivalent. A continuation of Japanese 110. Introduction of Hiragana and Kanji (characters) gradually during the semester; elementary reading exercises accompany the spoken language materials.
Offered Spring

JPN 230. Japanese Conversation. (3 Units)

Prerequisite: One year of Japanese or consent of instructor. Speaking proficiency in standard modern Japanese. Practice through dialogue and individual presentations to develop fluency for personal, commercial, and cultural activities. May be repeated to a maximum of 6 units. Repeatable course.
Offered Infrequent

Kinesiology (KIN)

KIN 100. Adapt Phys Fit. (1 Units)

Physical fitness evaluation, exercise prescription and individualized programs designed for disabled students and any student with a temporary or permanent fitness need. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 111. Aerobics. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 112. Aerobics: Step. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 113. Social and Folk Dance Activity. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 114. Badminton. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 116. Baseball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 118. Basketball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 125. Bicycling/All Levels/Velo. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 130. Golf. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 132. Gymnastics. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 134. Jogging. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 140. Lifeguard Training. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 141. Martial Arts. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 142. Physical Conditioning. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 145. Relaxation Techniques. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 148. Soccer/Indoor. (1 Units)

The following courses are designed to promote active lifestyles and are open to all university students. Prerequisites for intermediate level classes are beginning level or equivalent. Prerequisites for advanced level classes are intermediate level or equivalent. Students assume responsibility for satisfactory health status appropriate for activity classes. The courses are repeatable. Two hours of activity per week. Fee required for KIN 116-180.

Offered As needed

KIN 150. Soccer/Outdoor. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 152. Softball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 154. Stretch & Flex. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 156. Swimming/All Levels. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 158. Swimming/Conditioning. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 162. Tennis. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 164. Volleyball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 168. Walking For Health. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 170. Weight Training. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 171. Yoga. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 180. Intramurals. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 190. Intercollegiate Athletics - Sports Men. (1 Units)

Instruction and participation in selected major team sports such as basketball, baseball, golf, and soccer that comprise the intercollegiate athletic program. Repeatable course.

Offered Fall, Spring

KIN 191. Intercollegiate Athletics - Sports Women. (1 Units)

Instruction and participation in selected major team sports such as basketball, softball, volleyball, cheerleading, soccer, and cross country that comprise the intercollegiate athletic program. Repeatable course.

Offered Fall, Spring

KIN 218. First Aid And Cpr. (3 Units)

Provides opportunity to qualify for American Red Cross certification in Standard First Aid and CPR. Students study and practice administering first aid techniques; examine accident and injury prevention measures; and train to master cardiopulmonary resuscitation techniques. Fee required.

Offered As needed

KIN 223. Intro To Pe. (3 Units)

Examination of bodies of knowledge that make up the fields of Physical Education and Dance Education. Analysis of how disciplinary theories translate into workable practices in a diverse culture. Course includes career guidance and overview of career options. (Students entering the Physical Education major are required to enroll in this course their first semester of study.)

Offered Fall, Spring

KIN 233. Prac.in Phys.Act.Instruction. (3 Units)

Designed to provide initial instruction in a variety of pedagogical knowledge related to teaching physical education for grades K-12. Students will be provided with opportunities to learn and demonstrate current best teaching practices. Emphasis is placed on learning and practicing effective planning, teaching, and reflective behaviors.

Offered Fall, Spring

KIN 235. Lifetime Fitness. (3 Units)

Examination of components of fitness; training principles, energy sources; nutrition and weight control research; stress reduction techniques; and fitness programs. Fitness assessment and development of personalized fitness program. Meets General Education requirement for Whole Person.

Offered Fall, Spring

KIN 250. Analysis of Aquatics. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to swimming, diving, synchronized swimming, aqua aerobics, water games and water safety. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 251. Analysis of World Dance. (0 Units)

Analysis and refinement of skill requirements; examination of concepts, movement theories, history, culture and appreciations; and adaptations for special populations related to modern dance, jazz, ballet, social dance, folk dance, ethnic dance and dance-exercise. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 252. Analysis Artistic & Rhyth Gym. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, movement theories, judging, history and appreciations; and adaptations for special populations related to stunts, tumbling, floor exercise; apparatus work and object manipulation required of artistic and rhythmic gymnastics. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 253. Analysis Archery Bowling & Golf. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to the individual sports of archery, bowling and golf. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 254. Analysis Cond & Martial Arts. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, underlying principles, history, culture and appreciations; and adaptations for special populations related to all components of physical conditioning, weight training and martial arts. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 255. Anlys Tennis Pad Ten & Racball. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to tennis, paddle tennis, racquetball and non-traditional racquet games. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 256. Anly Badminton & Team Handball. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to individual and dual sports of badminton and team handball. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 257. Anly Softball & Track & Field. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to softball, track and field, and non-competitive diamond games. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 258. Anlys Basketball & Volleyball. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to team sports of basketball and volleyball. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 259. Anlys Flag Football & Soccer. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to the field sports of flag football and soccer and non-traditional field activities. One hour of lecture and two hours of activity per week. Fee required.

Offered As needed

KIN 260. Sports Officiating. (2 Units)

Rules, mechanics and officiating procedures for men's and women's sports at the interscholastic and intercollegiate levels.

Offered As needed

KIN 290. Human Anatomy & Physiology I. (4 Units)

Introduction to human anatomy and physiology I. Structure and function of the body systems are covered, with special emphasis on body orientation and anatomic position, basic physio-chemistry, musculoskeletal, and nervous systems. Tailored majors in kinesiology and pre-allied health professions.

Offered Fall, Spring, Summer

KIN 291. Human Anatomy & Physiology II. (4 Units)

A continuation of Human Anatomy & Physiology I. Body systems covered in this part are the cardiopulmonary, digestive, renal and reproductive systems. Tailored majors in kinesiology and other health professions.

Offered Fall, Spring, Summer

KIN 295. Special Topics in Kinesiology. (4 Units)

Intensive study of a physical education topic of current interest. Repeatable course. Three hours lecture and three hours lab. Consent required.

Offered Fall, Spring

KIN 300. Tests and Measurements in Physical Education. (3 Units)

Analysis, evaluation, interpretation, and use of tests and other assessment methods in physical education. Application of statistical procedures. Fee required.

Offered Fall, Spring, Summer

KIN 301. Kinesiology. (3 Units)

Prerequisites: BIO 250 and BIO 251 and either high school or college physics. Examination of anatomical structure, function, and mechanical principles relating to human motion, including analytical and practical application of concepts. Two hours of lecture and three hours of laboratory per week. Fee required.

Offered Fall, Spring

KIN 302. Technology Methods in Physical Education and Recreation. (3 Units)

Provides students with information on, training in, and experience with various technology methods and applications related to the Physical Education and Recreation professions. One hour of lecture and two hours of laboratory activity per week.

Offered As needed

KIN 303. Exercise Physiology. (4 Units)

Prerequisites: KIN 300; BIO 250 and BIO 251 and either high school or college chemistry. Study of human function under the stress of muscular activity per week. Investigation of acute and chronic effects of exercise on the muscular, pulmonary, cardiovascular, nervous and energy systems. Examination of principles of training and nutrition. Three hours of lecture and three hours of laboratory per week. Fee required.

Offered Fall, Spring, Summer

KIN 304. Introduction to Adapted Physical Education. (3 Units)

Prerequisite: KIN 301. Study of prevalent disabilities with implications for adapted physical education program development, implementation and evaluation at the elementary and secondary levels.

Offered Fall, Spring

KIN 305. Motor Learning. (3 Units)

Prerequisite: KIN 300. Study of human development and learning in the motor domain. Examination of factors such as growth and maturation, instructional procedures, sensory and perceptual systems, motor control, and assessment of motor development.

Offered Fall, Spring

KIN 306. Biometric of Human Movement. (3 Units)

Prerequisites: Bio120/120L, KIN291, CHE 110, PHY 120, KIN 223, Degree 300's:KIN 300, 301. This course provides students with the knowledge of movements as it relates to physics. Students will learn biomedical principles and concepts as they relate to human movement, exercise, and sports.

KIN 310. Nutrition for Peak Performance. (3 Units)

Prerequisite: KIN 303 Presents principles of nutrition as they apply to sport, exercise, and peak performance. Topics presented include: energy release, metabolism, and substrate utilization during exercise, ergogenic aids, fluid intake, pre-game meals, and health issues related to nutrition.

Offered Fall, Spring, Summer

KIN 320. History and Philosophy of Physical Education. (3 Units)

Prerequisite: KIN 223. Study of historical roots and evolution of physical education, changing value systems that shape physical education philosophies, and administrative practices which lead to making informed program decisions.

Offered Fall, Spring

KIN 330. Sport and Exercise Psychology. (3 Units)

Prerequisite: PSY 101 is required. Through writing, this course examines psychological theories and research and their application to the sport/physical activity-related affect, behaviors, and cognitions of individuals. This course explores how the use of disciplinary knowledge assists individuals to better communicate within a healthcare framework.

Restricted to majors. A grade of C or better in this course fulfills the GEAR requirement for all Physical Education and Exercise Science majors.

Offered Fall, Spring, Summer

KIN 360. Prev & Treat Ath Injuries. (3 Units)

Prerequisites: BIO 250, BIO 251 and KIN 301. Prevention, examination, and treatment of athletic injuries. Includes methods of taping, bandaging, therapeutic exercises, training room equipment, protective devices and supplies. Two hours of lecture and three hours of laboratory per week.

Fee required

Offered Fall, Spring

KIN 362. Principles of Athletic Training. (3 Units)

Prerequisites: BIO 250 and BIO 251, KIN 301. The scientific and clinical foundation of the field of athletic training. Emphasis placed on athletic trainer's role and responsibilities. In depth study of risk management, prevention, evaluation, recognition, treatment, and rehabilitation of athletic injuries.

Offered Fall, Spring

KIN 363. Principles of Athletic Training Laboratory. (1 Units)

Prerequisites: BIO 250 and BIO 251. Corequisite: KIN 362. Emphasis on knowledge, skills, and taping techniques for common athletic injuries and related evaluation procedures.

Offered Fall, Spring

KIN 375. Clin Exp I. (1 Units)

Prerequisites: BIO 250, BIO 251, and KIN 218. Corequisites: KIN 362, KIN 363. Introduction to clinical experience in athletic training settings. Basic understanding of clinical aspect of the training profession. Students in this class are required a minimum 50 hours of observation and 150 hours of clinical experience (a minimum of 10 per week) in athletic training settings.

Offered As needed

KIN 376. Clinical Experience II. (1 Units)

Prerequisites: KIN 362, KIN 363, KIN 375. Application of taping, wrapping, bracing, and padding skills; risk management; assessment and evaluation; pharmacology and nutrition; therapeutic modalities; therapeutic exercise; specific injury management. Requires a minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting.

Offered As needed

KIN 377. Clinical Experience III. (1 Units)

Prerequisites: KIN 376, KIN 461, and KIN 463. Corequisites: KIN 462 and KIN 464. The application of therapeutic exercise; surgery observation; specific injury management; clinical experience in various sports teams. Requires a minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting.

Offered As needed

KIN 425. Pe In The Elementary Sch. (3 Units)

Prerequisite: In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Overview of bodies of knowledge in the field of physical education and their application to elementary physical education. Analysis of educational theories and practices as they relate to effectively teaching physical education to elementary school children. Course includes peer teaching lessons. Two hours of lecture and two hours of activity per week. Fee required.
Offered Fall, Spring

KIN 426. Directed Teaching in Elementary Physical Education. (2 Units)

Prerequisites: KIN 425. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Planned directed teaching in elementary physical education at a cooperating elementary school under professional supervision. Repeatable course.
Offered Fall, Spring

KIN 447. Dan Educ in the Elem School. (3 Units)

Prerequisite: In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Study of developmentally appropriate dance education activities for children. Examination of and practice in blending pedagogical content knowledge with subject matter knowledge to optimize teaching and learning. Course culminates in peer teaching lessons, reflections and self-assessment.
Offered Fall, Spring

KIN 448. Tchg Effect Sec PE. (3 Units)

Prerequisite: See lower division requirements for major. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Analysis and application of recent advances in teaching methodology, observation techniques, organization and management strategies, and skill and knowledge acquisition as they relate to effectively teaching secondary physical education. Course includes peer teaching lessons. Two hours of lecture and two hours of activity per week.
Offered Fall, Spring

KIN 449. Dir Tchg In Sec PE. (2 Units)

Prerequisites: KIN 448. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Planned directed teaching in secondary physical education at a cooperating secondary school under professional supervision. Repeatable course.
Offered Fall, Spring

KIN 450. Teaching Dance. (1 Units)

Prerequisite: Intermediate level technique class. Analysis and application of recent advances in teaching methodology, observation techniques, organization and management strategies, and skill and knowledge acquisition as they relate to effectively teaching elementary, secondary and college dance. Course includes peer teaching experience.
Offered As needed

KIN 461. Therapeutic Modalities. (3 Units)

Prerequisites: BIO 250, KIN 362, KIN 363, and KIN 375. A theoretical clinical basis for using therapeutic modalities, providing knowledge regarding the scientific basis and physiological effects of modalities in the treatment and rehabilitation of athletic injuries. Fee required.
Offered Fall, Spring

KIN 462. Therapeutic Exercise. (3 Units)

Prerequisites: BIO 250, KIN 362, KIN 363, KIN 375. A theoretical and clinical basis for implementation and intervention of therapeutic exercise; understanding the basic principles and effects of the variety of therapeutic exercise techniques; and designing therapeutic exercise programs.
Offered Fall, Spring, Summer

KIN 463. Lower Extremity Assessment. (3 Units)

Prerequisites: KIN 375. Recommended corequisite: KIN 461. Recognition and evaluation of orthopedic and athletic injuries; identifying signs, symptoms and mechanisms of injuries; performing special tests for specific orthopedic pathologies related to the lower extremity.
Offered Fall, Spring

KIN 464. Upper Extremity Assessment. (3 Units)

Prerequisites: KIN 376. Recommended corequisite: KIN 462. Recognition and evaluation of orthopedic and athletic injuries; identifying signs, symptoms and mechanisms of injuries; performing special tests for specific orthopedic pathologies related to the upper extremity.
Offered Fall, Spring

KIN 465. Administration of Athletic Training Programs. (3 Units)

Prerequisites: KIN 461, KIN 462, KIN 463, and KIN 464. Administration and management strategies of the field of athletic training and sports medicine. Organization planning ideas including principles and knowledge of program, human, financial, and information management: facility design and planning; legal aspects and ethical issues.
Offered As needed

KIN 470. Coaching Techniques for Selected Sports. (2 Units)

Prerequisites: KIN 253, KIN 256, KIN 257, KIN 258 and KIN 259; three out of five are recommended. Analysis and practical application of techniques for coaching selected sports. Emphasis on organization and conduct of athletic programs, including program development, coaching strategies, practice sessions, academic advisement, recruiting and scouting.
Offered As needed

KIN 471. Fitness Assessment and Exercise Prescription. (3 Units)

Prerequisites: Lower division requirements: Bio 120/120L, KIN 290, KIN 291, CHE 110, PHY 120, KIN 223, Degree 300s: KIN 300, 301,303,305,306,310,330,360. This course provides student with the knowledge to conduct physical fitness tests and develop an exercise prescription for different populations. Emphasis will be placed on testing and prescription for the major component of physical fitness.

KIN 473. Principles of Sport Performance Training. (3 Units)

Prerequisites: Lower division requirements: BIO 120/120L, KIN 290,291, CHE 110, PHY120,KIN 223. Degree300s: KIN 300, 301, 305, 306, 310, 330,360. This course provides student with the knowledge of sports performance assessments and program design for different athletic populations. Emphasis will be placed sports specific testing, periodizing programming, and training techniques for specific sports and athletes.

KIN 475. Complementary and Integrated Healthcare. (3 Units)

Lower division requirements: Bio 120/120L, KIN 290, KIN 291, CHE 110, PHY 120, KIN 223 Degree 300s: KIN 300, 301,302,305,310,330,360. This course will provide student with the knowledge regarding complimentary and alternative healthcare. Student will learn about different eastern and western therapeutic treatment such as acuoncture, cupping, energy medicine, yoga and more.

KIN 476. Clinical Experience IV. (1 Units)

Prerequisites: KIN 377, KIN 462, KIN 463, and KIN 464. Corequisite: KIN 465. The application of specific injury management; clinical experience in various sports teams. A minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting are required.

Offered As needed

KIN 477. Clinical Experience V. (1 Units)

Prerequisites: KIN 476. The application of specific injury management; clinical experience in various sports teams; peer teaching and supervision. A minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting are required.

Offered As needed

KIN 480. Athletic Training Seminar. (2 Units)

Prerequisites: KIN 465 and KIN 476. Course is designed for senior students who are preparing for he NATA BOC examination. Students in this course are senior level students who have either completed all necessary NATA competencies or are in their last semester and currently completing the necessary competencies.

Offered As needed

KIN 490. Senior Seminar in Physical Education. (1 Units)

Prerequisite: Senior year. For Physical Education majors. Practice writing and presentation skills through self-reflection, evaluation, and connecting subject matter areas. Peer and faculty evaluation of student portfolios, resume writing, curriculum development, mock interviews and program assessment will be included in the curriculum. One hour of seminar per week.

Offered Fall, Spring

KIN 493. Clinical Experiences in PT/AT. (3 Units)

Planned internship in Pre-PT at a cooperative institution, agency or clinical setting under professional supervision. Application of the principles and skills acquired in the Pr-PT program. Repeatable Course

Offered Fall, Spring

KIN 494. Physical Education: Independent Study. (1-3 Units)

Prerequisites: Physical Education Major or Minor; upper division standing. Independent study in physical education, with each student participating in a special project mutually agreed upon by student and instructor. Repeatable course.

Offered Fall, Spring

KIN 495. Special Topics:. (1-3 Units)

Intensive study of a physical education topic of current interest. May be repeated for credit to a maximum of 6.0 units. Repeatable course. One to three hours of lecture per week.

Offered As needed

KIN 496. Internship. (1-3 Units)

Prerequisites: Physical Education Major or Minor and upper division standing are required. KIN 448 is recommended. Planned internship in physical education at a cooperating institution, agency or company under professional supervision. Repeatable course.

Offered Fall, Spring

KIN 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered As needed

KIN 500. Seminar in Contemporary Issues/Topics and Trends in Physical Education. (3 Units)

Analysis of current trends, issues, and problems in Physical Education academic and athletics programs; examination and analysis of literature and research findings. Three hours of seminar per week.

Offered As needed

KIN 504. Physical Fitness Evaluation and Exercise Prescription. (3 Units)

Prerequisites: KIN 303 is required; KIN 218 is recommended. Evaluation of cardiovascular fitness, respiratory capacity, body composition, strength, muscular endurance and flexibility. Exercise prescription based upon individual needs, interests and preliminary health and fitness evaluations. Overview of American Psychological Association's research methodology.

Offered As needed

KIN 514. Seminar in Curriculum Development in Physical Education. (3 Units)

Intensive study, evaluation, and application of current developments in curriculum theory and practice for Elementary-Secondary School Physical Education. Includes designing an innovative physical education/wellness curriculum project. Three hours of seminar per week.

Offered As needed

KIN 516. Public Relations and Development. (3 Units)

The study of public relations and development issues related to the fields of physical education and athletics in K-16 school settings. The student will develop news releases, design promotional public information, develop mediated presentations addressing programs and development

Three hours of seminar per week.

Offered As needed

KIN 593. Fieldwork in Physical Ed Admin. (3 Units)

Prerequisites: GED 571 and KIN 500 are required; KIN 514 and KIN 516 are recommended. Supervised field experiences at the school level to include actual job performance in both supervision and administrative in Physical Education or Athletics. Students will demonstrate competencies required by the Educational Administration approved program. CR/NC grading.

Offered As needed

KIN 595. Special Topics in Kinesiology. (3 Units)

Prerequisite: Consent of instructor. Advanced course of special interest to graduate students. Topic and content will vary as announced.

Offered As needed

KIN 599. Thesis/Creative Project. (3 Units)

Prerequisites: KIN 500, KIN 514, KIN 516, KIN 593 are required. Student will execute an individually planned research effort or creative project. Students work under individual supervision with assigned faculty. May be repeated up to 6 units.

Offered As needed

KIN 600. KIN Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course.

Offered Fall, Spring

Labor Studies (LBR)

LBR 101. Introduction to Labor Studies: Work, Wealth and Power. (3 Units)

Explore questions including: What is work's purpose? What are our rights on the job? How have labor struggles uplifted working class communities and shaped the global political economy? How can unions fight for social, racial, and gender justice across borders?

Offered Fall

LBR 200. Labor and the Environment. (3 Units)

The course will pursue an understanding of the consequences of climate policies for different categories of workers, identified by economic sector, geographic location, gender, migration and immigration, and national status.

Offered Fall, Spring

LBR 201. Work/Life: Purpose, Power, and Identity. (3 Units)

Explore: What is the role of work in a life well-lived? How do various cultures view work? should we pursue work we love? That society needs? How do we handle workplace stress, occupational health, and integrating careers with other commitments?

Offered All terms

LBR 202. Class Struggles in Film and Popular Culture. (3 Units)

How are workers' lives portrayed in popular culture? We examine media in global context, discussing how image, text, and sound are used to tell workers' stories across gender, race, and sexual orientation as they stand up for dignity and justice.

Offered Spring

LBR 310. Success and Values. (3 Units)

Explores the various ways people and institutions in the Americas define success, with the underlying question, does one have to sacrifice one's values to achieve success.

Offered Fall, Spring

LBR 312. Decade of the Sixties. (3 Units)

Explores the sociopolitical milieu that incited the unrest of the Sixties, with the war in Vietnam at the center. Focuses on the interaction between writers, musicians, activists, labor and religious leaders, and the social movements of the time.

Offered Fall, Spring

LBR 313. The Future of Workers and Work. (3 Units)

Will the robots take our jobs? Course explores how automation, climate change, labor unions, and precarious work arrangements will affect the workplace in decades to come, and outcomes for women, immigrants and workers of color

Offered Fall, Spring

LBR 314. Key Issues: American Dream. (3 Units)

Explores the concept of the American Dream as it is expressed through literature, art, film, etc. and how people interpret the meaning of the concept in their own lives in a multiracial society.

Offered Fall, Spring

LBR 316. Working Class and Education. (3 Units)

What is the purpose of education? What functions does it perform and whose interests does it advance? Investigation of education as a network of institutions operating differently on different classes, races and genders. Evaluation of its position in relation with economy and governance.

Offered Fall, Spring

LBR 350. Research Methods for Social Change. (3 Units)

Research methods developed by social movements to guide organizing and advocacy for social, economic, and political change. Proficiency in a range of illuminating statistical survey, interview, and mapping techniques used to expose and challenge exploitation and injustice.

Offered Spring

LBR 365. Racial Capitalism. (3 Units)

Prerequisite: Upper division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. Focuses on the ways in which race and racism have been central to the political economic development of the U.S., with a particular focus on understanding how they were used to develop capitalism and how it impacts workers in our society.

Offered Fall, Spring

LBR 395. Special Topics in Labor Studies. (1-4 Units)

Prerequisite: Consent of instructor. Course of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered As needed

LBR 411. Contracts & Negotiations. (3 Units)

The process of negotiating, writing and enforcing a labor contract.

An overview of the historical events that have affected contemporary negotiation practices. A survey and analysis of labor contracts in various sectors of industry, including a workshop in contract writing and negotiation.

Offered Fall

LBR 412. Labor Law. (3 Units)

Legal history of the American labor movement. Survey of federal and state laws regulating employment, collective bargaining, contract clauses, arbitration, collective actions, lockouts, unfair labor practices and fair employment practices.

Offered Spring

LBR 490. Seminar In Labor Studies. (3 Units)

Prerequisite: Senior standing or consent of instructor. An integrative course to study selected topics, to develop an overview of the field and to relate theory and practical application. Students will develop seminar papers as they complete an internship in a labor organization or research an area of labor studies. Three hours of seminar per week.

Offered Infrequent

LBR 494. Independent Study. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.

Offered Fall, Spring, Summer

LBR 495. Special Topics. (1-4 Units)

Prerequisite: Consent of instructor. Advanced course of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered Fall, Spring

LBR 496. Practicum Labor Studies. (3 Units)

Prerequisites: Consent of instructor is required. Directed field research or supervised internship. Training and research in the practice and policies of a labor organization or labor-related governmental agency. Repeatable course.

Offered Spring

LBR 590. Graduate Seminar. (3 Units)

Co-requisite: MUS 180 is required. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 180. In depth study of Etudes, scales, arpeggios, and supplemental solo repertoire.
Offered As needed

LBR 594. Independent Study. (3 Units)

A special project involving research or creative work in consultation with a faculty member. Repeatable for credit.
Offered As needed

LBR 595. Special Topics in Labor Studies. (3 Units)

Prerequisite: Consent of Instructor required. An intensive study of an issue or a concept in Labor Studies of special interest to faculty and students. Topics vary. Repeatable course
Offered As needed

LBR 598. Directed Research. (1-3 Units)

Independent research under direction of supervising faculty member in Labor Studies or related field. A-B/NC grading only.
Offered As needed

LBR 599. Graduate Capstone. (1-3 Units)

Supervised thesis or special project in Labor Studies.
Offered As needed

Law (LAW)

LAW 240. Legal Environment of Business. (3 Units)

Analysis of the legal process; functions and operations within a federal system; contracts; sales; tort liability as it impacts business; government regulation of business.
Offered Fall, Spring, Summer

LAW 340. Law Of Bus Organizations. (3 Units)

Legal consequences of selection of one form of business organization over another; analysis of the law of corporations, partnerships, and agencies; law of the workplace; corporate ethics and social responsibilities.
Offered Fall, Spring, Summer

LAW 342. Employment Law. (3 Units)

Prerequisites: LAW 240 is recommended. Overview of the laws impacting the workplace; anti-discrimination law; employee safety, health and privacy; the employer-employee contract; labor law; regulatory agencies; retirement compensation; other statutory rights.
Offered Fall, Spring

LAW 440. Legal Issues in E-Commerce. (3 Units)

Prerequisites: LAW 240. This course covers the legal aspects of doing business on-line. Topics covered will include: on-line contracts, e-crimes, privacy, intellectual property, e-commerce taxation and e-payment systems.
Offered Infrequent

LAW 495. Special Topics in Law. (1-4 Units)

Study of current topics in Law. Repeatable course
Offered Infrequent

LAW 595. Selected Topics in Law. (3 Units)

Prerequisites: Graduate Standing. Intensive study of a specialized area of Law on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course.
Offered Infrequent

Liberal Studies (LBS)

LBS 203. Introduction to Teaching: Becoming a Transformative Educator. (3 Units)

Students will consider the historical and philosophical foundations of education and state standards that guide effective teaching strategies in this introduction to teaching course. Students will develop the knowledge and dispositions to empower the as reflective, creative and transformative professionals.
Offered Fall, Spring, Summer

LBS 205. Child and Adolescent Development. (3 Units)

Overview of physical, cognitive, social and emotional development from conception through adolescence. Students will explore and reflect on conceptual and theoretical theories and methods as well as best practices for working with children and families in diverse/pluralistic communities.
Offered Fall, Spring, Summer

LBS 212. Service Learning in Urban Elementary Schools. (3 Units)

Introductory course utilizes a service-learning approach to explore culturally and linguistically responsive teaching and learning environments in urban elementary schools. Students will observe, participate and reflect throughout the course with linkages to learning outcomes. Requires 30 hours of service.
Offered Fall, Spring

LBS 300. Early Field Experience. (3 Units)

Prerequisite: California Commission on Teacher Credentialing Certificate of Clearance, current negative TB documentation and scores for all three sections of the CBEST. Provides Liberal Studies majors with planned, structured field experiences in classrooms at the elementary school level (K-6). A minimum of 30 hours of structured, documented observation/participation in public elementary schools (K-6) is required. CR/NC grading.
Offered Infrequent

LBS 301. Schooling in a Multicultural Society. (3 Units)

Prerequisite: LBS 203 is required. Students will explore the themes of social justice education including the complex relationship between education and the multicultural society of the U.S. They will analyze social identities and how discrimination based on these factors translates into school structures, policies and practices.
Offered All terms, Infrequent

LBS 302. Responsive Teaching and Classroom Management. (3 Units)

Prerequisites: LBS 301 and CCTC Certificate of Clearance, Negative TB Documentation and scores from all 3 sections of CBEST are required. Restricted to majors. Corequisite: LBS 303 is recommended. Students observe and think critically about culturally and linguistically responsive teaching and learning environments to develop knowledge of teaching and classroom management strategies and create inclusive, productive and well-structured learning environments. Requires 30 hours of observation in a public school.
Offered All terms, Fall, Spring

LBS 303. Teaching and Learning in Diverse Classrooms. (3 Units)

Prerequisite: LBS 301 Co-requisite: LBS 302 is recommended. Restricted to majors. Examine theory, research and practice on teaching and learning in diverse classrooms. Using knowledge of educational research, child and adolescent development, and data on students and their communities, students analyze, design, and differentiate instruction to engage and support all learners.
Offered Infrequent

LBS 310. Early Language and Literacy. (3 Units)

Concepts and theories of language development and literacy from birth through age five. Topics include language development, play, emergent literacy, and age appropriate literature. Emphasis on urban, diverse and inclusive preschool settings; second language learners and exceptional learners.

Offered Fall, Spring

LBS 330. Bridging Cultures Through Literacy and Learning. (3 Units)

Cultural dimensions of literacy and language acquisition in early years. Strategies for supporting heritage language, teaching comprehensive family literacy, English language development, and valuing culture in home and school. 10 hours of fieldwork in an urban setting with English learners.

Offered Fall, Spring

LBS 340. Early Mathematical Concepts. (3 Units)

Practidce, principles and strategies in mathematics ages 0-5. Number sense, classification, measurement and geometry, patterning, mathematical reasoning; tools and manipulatives for teaching mathematics and pre-numeracy; planning, teaching, and evaluating a lesson. 10 hours of fieldwork in an urban preschool setting.

Offered Fall, Spring, Summer

LBS 355. Writing in Education. (3 Units)

Advanced grammar and composition for students preparing to be elementary school teachers. Focuses on professional writing modes and tasks for educators, including analytical educational writing, literature reviews, case studies, classroom observations, and school communications.

Offered Infrequent

LBS 360. Blended Math Methods. (5 Units)

Prerequisite: Admittance to the Integrated Option Program. Designed to develop students' mathematical content knowledge and pedagogical skills necessary for the effective teaching of elementary mathematics in the urban classroom.

Offered Infrequent

LBS 370. Multicultural Studies. (5 Units)

Prerequisite: LBS 203. Integrated Option Only. Students will critically analyze the experiences of diverse students in the U. S. schools by examining the structural and pedagogical implications on students' inter-sectional identities. They will draw on theories about child/adolescent development, learning, and differentiation to design instruction to effectively teach diverse students using the principles of social justice education. A grade of C or better in this course fulfills the GVAR requirement for Liberal Studies majors.

Offered Fall, Spring

LBS 375. The California Experience. (3 Units)

Examination of the California experience through three interrelated social science disciplines: history, geography, and government. Specifically focuses upon academic content which prepares students to teach the broad range of K-8 California Content Standards.

Offered Fall, Spring

LBS 380. Blended Science Methods. (4 Units)

Prerequisite: Admittance to the Integrated Option Program. Students develop content knowledge and pedagogical methods .in the natural sciences and technologies with an emphasis on astronomy, geology, meteorology, and oceanography. Inquiry-based teaching, disciplinary skills (including the scientific method), and interdisciplinary knowledge (crosscutting concepts) will be explored and students will reflect on the impact of science and technology on society.

Offered Fall, Spring

LBS 400. Senior Seminar in Liberal Studies. (3 Units)

Prerequisite: LBS 302; must have senior standing. Students will investigate key ideas from the California Curriculum Frameworks and Academic Content Standards. They will demonstrate competence in each of the major multiple subject matter content areas by creating a website portfolio, substantiating their learning each area. Students will also demonstrate an understanding of lesson planning and complete 10 hours of observation and participation in urban school setting.

Offered Fall, Spring

LBS 402. Liberal Studies Integrated Capstone. (2 Units)

Prerequisite: Admittance to Phase 3 of the Credential. Co-requisite: TED 437 is required. This capstone is designed to link theory and practice; students reflect on their learning, connecting subject matter knowledge and teaching. Students substantiate their learning with a philosophy of education paper, website portfolio, and an instructional planning and teaching cycle in an elementary classroom.

Offered Fall, Spring

LBS 405. Engineering and the Arts in the Elementary. (3 Units)

Co-requisite: LBS 400 is recommended. Restricted to majors. Must be a senior. Students will build the theoretical background and practical skills needed to design interdisciplinary, problem-based learning lessons with a focus on engineering and the arts. This will include inquiry teaching, STEAM and the K-8 Standards for Visual and Performing Arts.

Offered Fall, Spring, Summer

LBS 494. Independent Studies in Liberal Studies. (1-3 Units)

Prerequisite: Consent of instructor and Liberal Studies Department Chair. Independent study in a topic related to the Liberal Studies Program.

Offered Infrequent

LBS 495. Special Topics in Liberal Studies. (1-4 Units)

Prerequisite: Consent of instructor and Liberal Studies Department Chair. A course in a topic related to the Liberal Studies Program of special interest to faculty and students for which no current course exists.

Offered As needed

LBS 496. Special Fieldwork in Liberal Studies. (1-3 Units)

Prerequisite: Consent of instructor and Liberal Studies department Chair. Fieldwork experience related to the Liberal Studies Program in settings other than public schools. CR/NC grading.

Offered Infrequent

Library (LIB)

LIB 150. Library Skills and Strategies. (2 Units)

Designed to acquaint students with the use of academic libraries. Practical exercises will develop skills for effectively utilizing library resources to fulfill research needs. One hour of lecture and two hours of activity per week.

Offered As needed

LIB 151. Fundamentals of Information Literacy. (3 Units)

Explores how we seek, use, acknowledge, and transform information. Critically examines our behaviors and the information systems embedded in society. Focuses on psychological, sociological, and physiological relationships to information. Topics: information privilege, publishing, privacy, research practices, etc.

Offered Fall, Spring

LIB 494. Independent Studies. (1-3 Units)

Prerequisites: Consent of the instructor. Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.

Offered As needed

LIB 495. Special Topics in Library Research. (1 Units)

Prerequisite: Consent of instructor. In-depth study of information retrieval in a particular format or discipline, e.g. government documents, on-line databases, business resources. One hour of lecture per week.
Offered As needed

Management (MGT)

MGT 200. Global Organizational Ethics and Social Responsibility. (3 Units)

Covers key issues involving ethics and social responsibility in global organizations. The course will focus on the interdependencies between people and their organizations. Will study historical ethical perspectives of major Eastern, Middle Eastern, and Western philosophies.

Offered Fall, Spring

MGT 310. Management Theory. (3 Units)

Focuses on the management processes of planning, organizing, leading, and controlling; includes discussions of social and ethical issues in business; case studies and written reports.

Offered Fall, Spring, Summer, All terms

MGT 312. Organizational Behavior. (3 Units)

Prerequisite: MGT 310. Causes and consequences of individual and group behavior in business, organizational communications, interpersonal relations, and conflict resolution; cases and role-playing.

Offered Fall, Spring, Summer

MGT 330. New Venture Entrepreneurship. (3 Units)

Prerequisites: ACC 230, MGT 310 and MKT 350 are required. Role of small business in America; project-oriented activities include establishing, financing, and operating independent business; designed to develop entrepreneurial skills and insights into beginning and managing a small startup business. This includes how to write a business plan.

Offered Fall, Spring

MGT 412. Small Business Management. (3 Units)

Prerequisites: ACC 230, MGT 310 and MKT 350. Role of small business in America; project-oriented activities include establishing, financing and operating independent businesses; designed to develop entrepreneurial skills and insights into managing a small business.

Offered Fall, Spring

MGT 416. Leadership. (3 Units)

Prerequisite: MGT 310 is required. An in-depth analysis of theories and practice of leadership. Course is designed to give the student an understanding of the leadership skills, styles, and behavior in a variety of managerial roles.

Offered Fall, Spring, Summer

MGT 418. International Management. (3 Units)

Prerequisite: MGT 310. Study of management processes such as planning, organizing, staffing, directing and controlling under conditions other than those found today in the United States. Countries studied vary from year to year; case analysis and class projects. Three hour of seminar per week.

Offered Fall, Spring, Summer

MGT 419. Managing an E-Business. (3 Units)

Prerequisite: MGT 310, senior status, completion of E-Commerce core or consent of instructor. The managerial implications of conducting E-Business. Introduces new business models and strategies used by E-Business and their impacts on organizational culture. Group exercises, case studies, and team projects required.

Offered Fall, Spring

MGT 430. Strategic Communication. (3 Units)

Development of effective strategic communication plans, including identification of key audiences and issues. Formulation of key messages, tactics, timeline, budget and evaluation. Exploration of the changing environment for business, reputation, corporate advertising, media, internal communications, government relations, and crisis communication.

Offered Infrequent

MGT 490. Strategic Management Seminar. (3 Units)

Prerequisites: Completion of all business core courses; BUS 445 and OMG 322 may be taken concurrently (priority will be given to graduating seniors). An integrating capstone course dealing with problems of business management; uses actual business cases for analysis and decision-making.

Offered Fall, Spring, Summer

MGT 491. Bus Consulting Practicum. (3 Units)

Prerequisites: Senior Status and completion of all business core courses. BUS 445, FIN 480, and OMG 423 may be taken concurrently (priority will given to graduating seniors). Business capstone courses offered in conjunction with Small Business Administration. Student teams participate in solution of actual business problems; field work required.

Offered Infrequent

MGT 492. E-Commerce Practicum. (3 Units)

An integrating practicum course dealing with all aspects of E-Commerce management; cases, lectures, and projects.

Offered As needed

MGT 494. Independent Study in Mgt.. (3 Units)

Prerequisite: Completion of at least two management concentration courses and approval of the Department Chair. Independent study of particular topics in Management under the direction of a full-time faculty member of the Business Administration Program. CR/NC grading.

Offered Infrequent

MGT 495. Special Topics in Management. (3 Units)

Prerequisites: MGT 310. Study of a current topic in Management.

Repeatable course.

Offered As needed

MGT 496. Internship in Management. (3 Units)

Prerequisite: Completion of at least two management concentration courses and approval of the Department Chair. Under the direction of the Internship Coordinator, students work in a business organization applying skills and knowledge learned in the classroom. CR/NC grading. Repeatable course.

Offered Fall, Spring, Summer

MGT 500. Human Behavior in Orgs. (3 Units)

Prerequisite: MGT 310. An experiential course designed to teach management skills such as conflict resolution, motivation, leadership, and communication, as well as the functioning of groups. Case analysis and oral/written presentations required.

Offered Fall

MGT 503. Adv Topics in Internatl Mgt. (3 Units)

Prerequisite: Graduate Standing. Applies international management practices and managerial behavior to decision making. Topics will include national differences in culture, strategies for communicating, cooperating across cultures, and managing global operations. Case analysis and oral/written presentations required.

Offered Infrequent

MGT 512. Seminar in Entrepreneurship. (3 Units)

Prerequisite: MGT 500. Provides an understanding of the entrepreneur and the entrepreneurial process. Emphasis on new venture planning and establishment of new firms. The distinctive focus is enterprise creation. Case studies and live discussions with small business owners and successful entrepreneurs are featured.

Offered Infrequent

MGT 516. Leadership. (3 Units)

Prerequisite: MGT 500. Builds on knowledge of leadership provided in the human behavior course, expands the scope and depth of knowledge of leadership theories, provides practice in basic leadership skills, and develops the student's self-knowledge of his or her preferred leadership styles.

Offered Infrequent

MGT 526. Leadership in the Service Industry. (3 Units)

This course examines the major theories and practices of leadership in the service industry. Students will explore their own leadership abilities and engage in skill development activities in this course.

Offered Infrequent

MGT 590. Strategic Management. (3 Units)

Prerequisite: Must be taken during the last semester in residence.

Strategy, leadership from middle to top management perspective. Use of cases, readings, simulations to integrate functional fields of business. Requires team activities, strategy formulation/implementation, serving purpose of comprehensive project. Case analysis, oral/written presentation and computer usage required.

Offered Infrequent

MGT 594. Independent Study in Mgt.. (3 Units)

Prerequisite: Graduate standing and completion of MGT 500. Independent study of particular topics in management under the direction of a full-time faculty member of the Business Administration Program. CR/NC grading. Repeatable course.

Offered Infrequent

MGT 595. Special Topics. (3 Units)

Prerequisite: Graduate standing and completion of MGT 500. Intensive study of a specialized area in management on a selected topic of particular interest to faculty and students. Intended for students with senior or graduate standing. Specific topic listed in class schedule. Repeatable course.

Offered Infrequent

Marital & Family Therapy (MFT)

MFT 400. Foundations to Marital Family Therapy. (3 Units)

Course examines the theoretical underpinnings and fundamental concepts to marriage and family therapy. Focus will address a breadth of foundational information in Marital and Family Therapy in the following areas: Research methods, theories, and psychopathology.

Offered Summer

MFT 495. Special Topics in MFT. (1-4 Units)

A course designed of special interest topics. Topic of content will vary as announced. Repeatable course

Offered As needed

MFT 496. Internship: Practicum Training Management. (0 Units)

Practicum Training Management 0-unit course allows students to prepare, collect, manage and store essential MFT experience/information required for clinical training and proficiencies. Students will use the program's management system to document their academic knowledge and clinical skill in practical activities.

Offered Fall, Spring, Summer

MFT 515. Pre-Practicum I: Therapy Skills. (2 Units)

Prerequisites: Admission to MFT program. Co-requisite: MFT 566, MFT 570, MFT 576 Instructional seminar and demonstration of supervised basic clinical skills, clinical interviewing, assessment, and clinical intervention in the classroom. Emphasis is placed on the therapeutic alliance, the self-of-the-therapist, and collaboration.

Offered Fall

MFT 520. Group Therapy. (3 Units)

Prerequisites: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisites: MFT 575, MFT 578, MFT 580. Course provides students with practical instruction and seminar in theory, therapy process and the use of empirically supported practice in group therapy. Attention is paid to group and contextual factors including age, ability, gender, sexual orientation, culture, and economic status.

Offered Fall

MFT 525. Pre-Practicum II Advanced Therapy Skills. (2 Units)

Prerequisites: MFT 515, MFT 570, MFT 566, MFT 576. Co-requisites: MFT 572, MFT 584, MFT 586. Instructional seminar and demonstration of supervised advanced therapy skills in the classroom and in mental health settings with individuals, couples and families. Include assessments, diagnosis, treatment planning, case management, safety planning, clinical documentation, and assessment of legal and ethical issues.

Offered Spring

MFT 530. Community Mental Health. (3 Units)

Prerequisites: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisites: MFT 560, MFT 565, MFT 582. Instruction, seminar and activity in community mental health and case management skills. Emphasis includes competencies in mental health recovery-oriented care and resiliency in community mental health from both traditional and non-traditional MFT practices applying case management and systems of care.

Offered Spring

MFT 541. Practicum in MFT Fieldwork IV. (2 Units)

Prerequisites: MFT 500, MFT 520, MFT 521, MFT 530, MFT 531, MFT 570, MFT 572, MFT 584. Fourth practicum required for program, concurrent with field placement and training experience. 8 hours per week required. CR/NC grading.

Offered As needed

MFT 560. Life Span, Family Development, and Aging. (3 Units)

Prerequisite: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisites: MFT 530, MFT 565, MFT 582. Instruction in family development and human sexuality across the lifespan; includes contextual factors (age, ability, gender, sexual orientation, culture, race/ethnicity, gender, class, socioeconomics). Addresses elder and dependent adults including biopsychosocial impacts of aging, long-term care, and treatment of abuse/neglect.

Offered Fall

MFT 565. Assessment & Mental Health Treatment. (3 Units)

Prerequisites: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisites: MFT 530, MFT 560, MFT 582. A survey and supervised practice in empirically supported assessment to treat primary mental health conditions and common presenting problems in individuals, couples, and families. Includes six-hours hours on suicide prevention, evidence-based suicide risk assessments, treatments, and interventions.
Offered Spring

MFT 566. Mental Health, Diagnosis, and Systemic Treatment. (3 Units)

Required Prerequisite: Admission to MFT program. Required Co-requisites: MFT 515, MFT 570, MFT 576. Studies and analysis of human mental health as it affects the individual, couple, and family functioning. Development, identification, assessment, diagnosis, treatment planning, and techniques of common any and serious mental illness will be explored.
Offered Fall, Spring

MFT 570. Theories and Techniques of Marital and Family Therapy I. (3 Units)

Required Prerequisite: Admission to MFT program. Required Co-requisite: MFT 515, MFT 566, MFT 576. Major Marital and Family theories, research and practice used in the treatment of individual, couples and families from a systemic and biopsychosocial perspective.
Offered Fall

MFT 572. Theories and Techniques of Marital Family Therapy II. (3 Units)

Required Prerequisites: MFT 515, MFT 566, MFT 570, MFT 576. Required Co-requisites: MFT 525, MFT 584, MFT 586. A continuation of the major MFT theories, this course includes postmodern and evidence-based practices and techniques in marriage and family counseling applied to treatment of individual, couples and family.
Offered Spring

MFT 574. Human Sexual Behavior. (3 Units)

Advanced study of the psychological, physiological, and sociological aspects of human sexual behavior, with attention to the origin and treatment of sexual dysfunction in its environmental context. Examinations and/or papers used in evaluation.
Offered As needed

MFT 575. Relational Therapy: Treatment of Couples and Partners. (3 Units)

Prerequisites: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisites: MFT 520, MFT 580, MFT 578. Instruction in treatment and assessment strategies necessary to treat couple/partner problem or sexual issues in conjoint therapy. Addresses issues related to age, ability, gender, sexual orientation, culture, race/ethnicity, socioeconomics, and spousal or partner dynamics associated with abuse assessments and interventions.
Offered Fall

MFT 576. Human Communication, Theory, and Skill. (2 Units)

Prerequisites: Admission to MFT program. Co-requisites: MFT 515, MFT 566, MFT 570. Instruction in the purposes, theory, and skills of communication applied to intrapersonal and interpersonal experience. The course addresses personal awareness, self-of-the-therapist, bias, and stereotyping to promote equity and diversity in clinical treatment.
Offered As needed

MFT 578. Treatment Approaches with Children and Adolescents. (3 Units)

Prerequisites: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisites: MFT 520, MFT 575, MFT 580. Treatment focuses on diagnostic and treatment needs of children and adolescents from a systemic perspective to include familial and sociocultural considerations. Emphasis is placed on empirically supported and evidence-based treatment modalities. Includes seven-clock hours on child abuse assessment and reporting.
Offered Fall

MFT 580. Sociocultural Diversity & Marginalized Communities. (3 Units)

Prerequisite: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisite: MFT 520, MFT 575, MFT 578. Diversity factors (age, ability, gender, sexual orientation, culture, race/ethnicity, religion, spirituality, socioeconomics,) affecting human behavior in family and the larger community situated in complex societies. Additional emphasis is placed on clinical competency with diverse, marginalized and under-served populations in California.
Offered Fall

MFT 582. Psychopharmacology and Mental Health Treatment. (3 Units)

Prerequisite: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisite: MFT 530, MFT 560, MFT 565. The impact of psychotropic medications on the behavioral and emotional states of individuals and on their relationships is addressed. Emphasis is placed on the development of vocabulary, basic knowledge of medications, how to assess effects and consultation/collaboration with prescribing physicians.
Offered Spring

MFT 583. Research Methods in Marital Family Therapy. (3 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisites: MFT 585, MFT 588, MFT 589. Emphasis will focus developing competencies in critical analysis and evaluation of published research, examining evidence-based research to improve practice, and conducting independent research. Generating hypothesis, research design, data collection, interpretation and utilization of findings in clinical practice will be summarized.
Offered Spring

MFT 584. Law, Ethics, and Professional Practices. (3 Units)

Prerequisites: MFT 515, MFT 566, MFT 570, MFT 576. Co-requisites: MFT 525, MFT 572, MFT 586. Current legal and ethical professional issues in marital and family therapy. Examination and application of BBS and AAMFT ethics and legal responsibilities.
Offered Fall

MFT 585. Treatment of Substance Use, Addiction, and Dependence. (3 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisites: MFT 583, MFT 588, MFT 589. Studies of the theories of substance use as they effect and relate to the family system. Explore advanced interviewing techniques, assessment procedures, recovery and relapse prevention, and implementation of evidence-based treatment modalities in family therapy.
Offered Fall

MFT 586. Current Issues in Marital Family Therapy. (3 Units)

Prerequisites: MFT 515, MFT 566, MFT 570, MFT 576. Co-requisites: MFT 525, MFT 572, MFT 584. Current and emerging issues in the field of MFT relevant to advancements in practice and influences on family, local and larger global community. Emphasis in contextual factors such as an economic status, culture, gender, race, ethnicity, sexual orientation, and ability.
Offered Spring

MFT 588. Treatment of Trauma with Individuals, Couples, and Families. (3 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisite: MFT 583, MFT 585, MFT 589. Treatment of trauma with individuals, couples, and family. Beginning and advanced techniques in assessment, diagnosis, treatment, and crisis intervention of child and elder abuse, domestic violence, rape, disaster, crime, and other trauma will be explored.
Offered Fall

MFT 589. Advanced Therapeutic Approaches and Application. (2 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisites: MFT 583, MFT 585, MFT 588. An inclusive survey of major theoretical approaches, integrative psychotherapies, evidenced-based practice, research, legal and ethical issues applied to individuals, couples and families. Case conceptualization, diagnosis, assessment, treatment planning and interventions are demonstrated utilizing vignettes, role play, and video demonstration.
Offered Spring

MFT 590. Career Development, Theory, and Practice. (3 Units)

Emphasis will focus on career development throughout life, to include theory, techniques and counseling practice. The interrelationship among social relationships, diversity including gender, culture, ethnicity, social class, sexual orientation, ability, and other factors, workplace, and career development will be examined.
Offered As needed

MFT 594. Independent Study. (3 Units)

Prerequisites: Consent of the instructor and Program Coordinator. Student must have completed at least twelve semester units. In consultation with a faculty member, the student will investigate in detail current research and scholarship in some area relevant to the field of Marital Family Therapy, or will complete a project involving original and creative research. Content of research will be specific to the program and licensure as an MFT.
Offered As needed

MFT 595. Special Topics in MFT. (1-3 Units)

A course designed of special interest topics. Topic of content will vary as announced. Repeatable course.
Offered As needed

MFT 596. Practicum: Marital Family Therapy Traineeship. (3 Units)

A multi-semester course that includes fieldwork training, on-site supervision and classroom participation. Traineeship occurs over a minimum of 12 months totaling a minimum of six semester units required for graduation.
Offered Fall, Spring, Summer

MFT 597. Directed Reading MFT Comp Prep. (3 Units)

In consultation with the faculty member, completion of readings to prepare for the comprehensive exam. The course is limited to students who have completed one year of courses. CR/NC grading. Course is repeatable for a total of 6 units.
Offered As needed

MFT 599. Comprehensive Examination. (1 Units)

Prerequisite: All Required Courses must be completed excluding Practicum: MFT Traineeship. Registration in MFT 599, Comprehensive Examination is limited to students who have advanced to candidacy and completed all degree coursework requirements with a grade of a B or better and a cumulative GPA of at least 3.0. Registration in the course is required to complete the comprehensive examination. The examination evaluates content that includes theories, assessment, diagnosis, treatment, crisis intervention, and law and ethics and requires evidence of application of theory, practice, and research.
Offered Spring

MFT 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered As needed

Marketing (MKT)

MKT 350. Principles Of Marketing. (3 Units)

Prerequisite: ECO 210 recommended. Survey of the marketing function, including the marketing environment and target markets; marketing strategy with emphasis on the marketing mix; social and ethical responsibilities of marketing.
Offered Fall, Spring, Summer

MKT 351. Sales Mgt & Techniques. (3 Units)

Prerequisite: MKT 350. Organizing, motivating and controlling the activities of the sales force. Developing the knowledge and skills of professional selling useful for accomplishing career objectives; cases and role playing required.
Offered Fall, Spring, Summer

MKT 352. Advertising and Promotion MGT.. (3 Units)

Prerequisite: MKT 350. Management and coordination of advertising, marketing public relations, and sales promotion; case analysis and presentations.
Offered Fall, Spring, Summer

MKT 353. Retail Mktg Management. (3 Units)

Prerequisite: MKT 350. Selecting store location, layout, merchandise goods, assortments, and selling to target market, including sales growth through direct marketing, franchising and acquisition; cases and field research required.
Offered Fall, Spring, Summer

MKT 355. Consumer Behavior. (3 Units)

Prerequisite: MKT 350 (may be taken concurrently). Consumer buying patterns, motivation, and search behavior; consumer decision-making process; interdisciplinary concepts from economics, sociology, psychology, cultural anthropology, and mass communications; case analysis and research projects.
Offered Fall, Spring, Summer

MKT 358. International Marketing. (3 Units)

Prerequisite: MKT 350. Analysis of international marketing problems including economic, social, cultural, technological, political, geographic and competitive forces; cases and projects.
Offered Fall, Spring

MKT 445. New Product Development. (3 Units)

Prerequisite: MKT 350. Focuses on product/service decisions and development processes. Covers the role of new products in marketing and corporate management, along with product policy concepts - product life cycle and product positioning. Case analysis, oral/written presentation and computer usage required.

Offered Infrequent

MKT 450. Internet Marketing. (3 Units)

Prerequisites: MKT 350. The principal focus of this course will be on understanding the marketing implications on internet marketing. Students will learn how internet marketing differs from traditional marketing and determine the role of marketing functions in internet programs; cases and projects.

Offered Fall, Spring

MKT 451. Trade Show and Event Marketing. (3 Units)

Prerequisite: MKT 350. How to create and manage trade shows, exhibits, and events successfully. Students will learn how to organize, plan, strategize, execute, and measure trade shows and events. Focuses on how to improve marketing productivity and effectiveness.

Offered Fall, Spring

MKT 452. Sports & Entertainment Mkt.. (3 Units)

Prerequisites: MKT 350. Theory and practice of the strategic marketing processes applied to sports and entertainment enterprises; planning marketing mixes; market selection decisions; distribution strategies; media mergers and acquisitions; cross platform marketing; regulation issues; sponsorships and events; readings and case studies.

Offered Fall, Spring, Summer

MKT 454. Marketing Research. (3 Units)

Prerequisites: MKT 350 and OMG 321. The marketing research process with an emphasis on cost versus value of information for decision-making: problem formulation, research design, sources of research data, measurement techniques and data collection, sampling techniques, data analysis, interpretation, and reporting; term research projects.

Offered Fall, Spring, All terms

MKT 459. Sem In Marketing Mgmt. (3 Units)

Prerequisites: Prior completion of at least four courses from the Marketing concentration; MKT 355, MKT 454, FIN 360 and OMG 322 are recommended. Comprehensive analysis of marketing management problems, functions, and the decision-making process; emphasis on the case method as related to problems of product, price, distribution and promotion.

Offered Fall, Spring

MKT 494. Independent Study in Mkt.. (1-3 Units)

Prerequisite: Completion of at least two marketing concentration courses and approval of the Department of Marketing Chair. Independent study of particular topics in Marketing under the direction of a full-time faculty member of the Marketing Department. CR/NC grading. Repeatable course.

Offered As needed

MKT 495. Special Topics in Marketing. (3 Units)

Prerequisite: MKT 350. Study of a current topic in Marketing. Repeatable course.

Offered As needed

MKT 496. Internship in Marketing. (3 Units)

Prerequisite: Completion of at least two marketing concentration courses and approval of the Department of Marketing Chair. Under the direction of the Internship Coordinator, students work in a business organization applying skills and knowledge learned in the classroom. CR/NC grading. Repeatable course.

Offered As needed

MKT 500. Marketing Management. (3 Units)

Prerequisite: MKT 350. Current topics in strategic marketing: strategic planning, market resource allocation, buying behavior, forecasting, product positioning. Social, legal, ethical and global issues in marketing will be explored. Case analysis oral/written presentations and computer usage required.

Offered Fall

MKT 501. Marketing Information Mgt. (3 Units)

Prerequisite: MKT 500. Learn important tools and databases needed by marketers for decision-making. The course explores the applications of marketing information as a competitive tool. Also covers marketing research tools and processes. Case analysis, oral/written presentation and computer usage required.

Offered Infrequent

MKT 503. Intrnatl Mktg:Cases/Cur Issues. (3 Units)

Prerequisite: MKT 500. Current topics in international marketing. Topics include strategic planning, global environmental variables, marketing research in international markets, export and import process and negotiations.

Offered Infrequent

MKT 510. Business-to-Business Mkt. (3 Units)

Prerequisite: MKT 501 or concurrent enrollment. Focuses on the strategies used for marketing products and services to commercial, institutional, and governmental markets. Case analysis, oral/written presentation and computer usage required.

Offered As needed

MKT 512. Seminar in Services Marketing. (3 Units)

Prerequisite: MKT 501 or concurrent enrollment. Examines the marketing and managerial implications of the differences between goods and services. Covers many service marketing concepts, including the relationship between the service provider and customer, the real-time process experience of services, customer satisfaction and service quality.

Offered As needed

MKT 530. Negotiation and Presentations. (3 Units)

Prerequisite: MKT 501 or concurrent enrollment. Introduces students to the best principles used in marketing negotiations. Students will understand characteristics of a good negotiator; critical elements in negotiations, strategies and tactics used for and against. Also includes improving communication through personal presentation.

Offered As needed

MKT 531. Sales Management. (3 Units)

Prerequisite: MKT 501 or concurrent enrollment. Discusses the strategic and tactical aspects of sales force management. Appropriate for students interested in careers in sales management or management positions in companies whose revenues and profits depend on a productive sales force.

Offered As needed

MKT 545. New Product Development. (3 Units)

Prerequisite: MKT 501 or concurrent enrollment. Focuses on product/service decisions and development processes. Covers the role of new products in marketing and corporate management, along with product policy concepts - product life cycle and product positioning. Case analysis, oral/written presentation and computer usage required. Offered As needed

MKT 550. Internet Marketing. (3 Units)

Prerequisite: MKT 501 or concurrent enrollment. Focuses on the marketing functions as they pertain to Internet Marketing, including the Internet marketing environment and target markets; marketing strategy with an emphasis on the marketing mix; social and ethical responsibilities. Case analysis, oral/written presentation and computer usage required. Offered As needed

MKT 555. Seminar in Consumer Behavior. (3 Units)

Prerequisite: MKT 501 may be taken concurrently. Focuses on managerial concerns related to the understanding of consumer buying patterns, motivations, and search behavior; consumer-decision making process; interdisciplinary concepts from economics, sociology, psychology, cultural anthropology, and mass communication. Offered Infrequent

MKT 560. Brand Management. (3 Units)

Prerequisite: MKT 500. The course explores the field of brand management through the use of case studies of leading marketers and their strategies for effectively building and managing brands. Topics include brand building, positioning, measuring, and managing brand equity. Offered Infrequent

MKT 580. Strategic Marketing. (3 Units)

Prerequisites: MKT 501 and three marketing electives; one marketing elective may be taken concurrently. Provides a comprehensive framework for the application of marketing concepts to the development and implementation of marketing strategy. Emphasizes the development of an effective marketing plan. Competitive computer simulation, case analysis, oral/written presentation and computer usage required. Offered As needed

MKT 594. Independent Study in Mkt.. (3 Units)

Prerequisite: Graduate standing and completion of MKT 500. Independent study of particular topics in Marketing under the direction of a full-time faculty member of the Business Administration Program. CR/NC grading. Repeatable course. Offered Infrequent

MKT 595. Special Topics. (3 Units)

Prerequisite: Graduate standing and completion of MKT 500. Intensive study of a specialized area in marketing on a selected topic of particular interest to faculty and students. Intended for students with a senior or graduate standing. Specific topic listed in class schedule. Repeatable course. Offered Infrequent

MKT 596. Internship in Marketing. (3 Units)

Prerequisite: Graduate standing and completion of MKT 500. Under the direction of the Internship Coordinator, students work in a business organization applying skills and knowledge learned in the classroom. CR/NC grading. Repeatable course. Offered Infrequent

Masters in Social Work (MSW)

MSW 500. Human Behavior and the Social Environment I. (3 Units)

Co-requisites: MSW 510, MSW 520, MSW 523, and MSW 540. Focus on individual and family life span. Examine individual and family development in the context of social, political, historical, and cultural variables. Individual and family behavior is examined for its unique expressions of strength and abilities in the course of achieving psychosocial, cognitive, moral, and spiritual developmental tasks. Offered Fall

MSW 501. Human Behavior and Social Environment II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523, and MSW 540. Co-requisites: MSW 511, MSW 521, MSW 530, and MSW 541. HBSE II, the second of two companion courses, examines the interrelationships among social institutions, social structure and social processes, on the one hand, and the realities of the lives of individuals, families, groups, communities, organizations and societies, on the other. Offered Spring

MSW 510. Social Welfare Policy I. (3 Units)

Co-requisites: MSW 500, MSW 520, MSW 523 and MSW 540. The structure, functions and components of US social welfare policy are identified and critically analyzed to reveal its scope, reach and limitations; current and historically successful approaches and tools to improve policies, increase social justice and reduce inequalities are reviewed. Offered Fall

MSW 511. Social Welfare Policy II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523 and MSW 540. Co-requisites: MSW 510, MSW 511, MSW 530 and MSW 541. Preparation to engage in policy practices advancing social and economic well-being of individuals, families, organizations and administrative and legal aspects of policy provisions and advancing social justice. Offered Spring, Summer

MSW 520. Generalist Social Work Practice I. (3 Units)

Co-requisites: MSW 500, MSW 510, MSW 523, and MSW 540. Focuses on theories, models, and interventions of generalist social work practice when working with individuals and families. Emphasis is placed on effective and equitable multicultural and contextual service delivery and interventions with poor, vulnerable and oppressed populations. Offered Fall

MSW 521. Generalist Social Work Practice II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523, and MSW 540. Co-requisites: MSW 501, MSW 511, MSW 530, and MSW 541. Focuses on theories, models and principles for generic social work practice with groups, communities and organizations. Emphasis is placed on effective and equitable multicultural and contextual service directory and interventions with poor, vulnerable and oppressed populations. Offered Spring

MSW 522. Clinical Interventions with Youth, Children and Families in Social Work. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 530, MSW 540 and MSW 541 are required. Examines theories, principles and practices of family counseling, the life cycle and role of counselor in promoting change in families, utilizing CRT and Intersectionality. Ethical, legal and other professional issues related to family counseling will be covered. Restricted to Majors. Offered Fall

MSW 523. Social Justice in Social Work Practice. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 530 and MSW 540.
Co-requisites: MSW 501, MSW 511, MSW 521 and MSW 541. Examines the history and consequences of different definitions of social justice. Social justice within human rights, culture, values, and ethics will be explored including related theory, social policy and movements and development of effective strategies promoting social justice.
Offered Fall, Spring

MSW 524. Critical Race Studies in Social Work Practice. (3 Units)

In-depth overview of Critical Race studies (CRS) in social work fields. Examination of the causes and symptoms of structural racism and social/racial hierarchies in underserved communities. Analysis of the history and development of CRS' application to practice issues. Restricted to MSW Program.
Offered Fall

MSW 530. Social Welfare Research. (3 Units)

Co-requisites: MSW 500, MSW 510, MSW 520 and MSW 540. Critical assessment and mastery of research methodologies to systematically evaluate one's own social work practices, focusing on those used to evaluate published research studies, assess service and program delivery, and participate in conducting research as a professional social worker.
Offered Fall

MSW 531. Advanced Research. (3 Units)

Required Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 524, MSW 530, MSW 540, MSW 541. Community-based participatory action (CPAR) research skills and knowledge are acquired and applied to a topic relevant to a social work organization to generate a collaborative research proposal with a client participation component.
Offered Fall

MSW 540. Fieldwork Practicum I. (3 Units)

Co-requisites: MSW 500, MSW 510, MSW 520, and MSW 523. Supervised agency experience designed to develop generalist practice skills in working with individuals, families, groups and communities with emphasis on cross cultural practice. Two hours weekly seminar and 16 hours in agency placement. CR/NC grading.
Offered Fall

MSW 541. Fieldwork Practicum II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523, and MSW 540. Co-requisites: MSW 501, MSW 511, MSW 521, and MSW 530. Supervised agency experience designed to apply the knowledge, skills and values learned in MSW 520 and MSW 521 and activities of MSW 540. Two hours of seminar and 16 hours in agency placement. CR/NC grading.
Offered Spring

MSW 550. Advanced Social Work Practice in Communities. (3 Units)

Prerequisites: Completion of foundation year courses. Corequisite: MSW 570 and MSW 581. This course provides in depth overview of Social Work from a Community Practice perspective. It highlights contextual models of practice with communities as well as developmental, organizing, and planning approaches that are applicable to diverse populations. It will examine skills used by social workers to conduct culturally competent interventions.
Offered Fall, Spring

MSW 551. Social Policy III: Community Capacity Building. (3 Units)

Prerequisites: Advanced year status and declaration of Community Capacity Building as specialization. Corequisite: MSW 570. Community Capacity Building's growing influence on social policies and achievements improving the well-being of individuals and families in poor urban neighborhoods are described and analyzed to prepare professional social workers to advance social, economic and environmental justice.
Offered Spring

MSW 553. Multicultural Perspectives of Practice. (3 Units)

Prerequisites: Completion of foundation year courses. Corequisite: MSW 570. Theory and practice with ethnically, racially, religiously diverse populations utilizing a multidimensional, cross-cultural framework and case materials to analyze treatment issues and empowerment strategies.
Offered Fall

MSW 555. Advanced Practice in Administration and Leadership. (3 Units)

Prerequisites: MSW 510, MSW 520, MSW 521, MSW 550, MSW 540, MSW 541, MSW 550, MSW 570. Corequisite: MSW 571. Introduces the concepts and theories involved in leadership, administration and management of a human services organization. Leadership styles will be examined, paying close attention to those who recognize diverse cultural styles and incorporate contextually competent approaches to administration.
Offered Spring

MSW 560. Social Welfare Policy III: Children, Youth and Families. (3 Units)

Prerequisite: Advancement to Candidacy and completion of foundation year courses. Co-requisites: MSW 550, MSW 553, MSW 570 and MSW 598. Provides students with an advanced understanding of key issues, concepts and of key issues, concepts and skills associated with policy analysis and development of policy alternatives and political action on behalf of children, youth and families.
Offered Spring

MSW 561. Social Welfare Policy III: Community Health/Mental Health. (3 Units)

Prerequisite: Advancement to Candidacy and completion of foundation year courses. Co-requisites: MSW 550, MSW 553, MSW 570 and MSW 598. Community mental health policies, programs, services and initiatives identified and critically assessed for quality, utilization, social justice considerations, and social work impact, using specialized policy analyses, professional activities and political actions focusing on populations-at-risk within and across affiliated organizations.
Offered Spring

MSW 570. Fieldwork Practicum III. (3 Units)

Prerequisites: Completion of foundation year courses. Co-requisites: MSW 550 or MSW 551. Continued supervised agency experience at an advanced level in both direct and administrative program development areas within the student's area of concentration, with an emphasis on cross-cultural practice. One hour weekly seminar and 20 hours in agency placement. CR/NC grading.
Offered Fall

MSW 571. Fieldwork Practicum IV. (3 Units)

Prerequisites: Completion of foundation year courses and MSW 550 or MSW 551, MSW 553, MSW 570, and MSW 598. Corequisite: MSW 555. Continued supervised agency experience at an advanced level in both direct and administrative program development areas within the student's area of concentration, with an emphasis on cross-cultural practice. One hour weekly seminar and 20 hours in agency placement. CR/NC grading. Offered Spring

MSW 574. Seminar in Health Care and Gerontology. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 524, MSW 530, MSW 540, and MSW 541 are required. Examines advanced social work practice in health care settings with persons of varying ages and advanced social work practice with older adults. Offered Spring

MSW 575. Grant Research and Proposal Writing. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 524, MSW 530, MSW 540, and MSW 541 are required. Provides students with the knowledge and skills necessary to develop the fundamental components of a grant proposal to include needs assessment, program planning and development, abstract, background and significance, goals and objectives, project design and methods, evaluation, sustainability, outreach/marketing plan, budget and justification. Students will develop skills in researching and locating private and public funding opportunities. Offered Spring

MSW 576. Youth Empowerment or Community Change. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 540, and MSW 541 are required. Examines strategies or engaging and empowering young people, with an emphasis on approaches in urban, racially segregated, and economically disinvested areas. Draws upon best practices from grassroots organizing, civic engagement, youth development, and child welfare. Offered Spring

MSW 580. Child Welfare Issues. (3 Units)

Prerequisite: Advancement to candidacy. Identifies and critically analyzes a broad range of welfare issues related to children, youth and families, such as child maltreatment, poverty, race, gender, sexual orientation, and gang violence, focusing on contributing factors, recent research, policies and treatment modalities. Offered Fall

MSW 581. Seminar in Community Capacity Building. (3 Units)

Prerequisite: Advanced year status and declaration of Community Capacity Building as Specialization. Co-requisites: MSW 550 and MSW 570. Focus is on the collaboration, assessment, implantation and evaluations of various strategies utilized to build capacity within communities. Students will apply the tenets of Asset and Social development to support/aid in the development of families, neighborhoods and communities. Offered Fall

MSW 582. Seminar in MH Issues. (3 Units)

Prerequisite: Advancement to candidacy. Examines mental health from a community perspective. Cast in the context of the recovery model, theoretical perspectives examine assessment, treatment planning and approached to recovery and wellness. Critical Race Theory, cultural implications and outcomes will be examined. Offered Fall

MSW 590. Graduate Seminar in Integrative Learning. (3 Units)

Prerequisite: Completion of all foundation-level MSW courses including Foundation Year field practicum. Students integrate mastery across course work and showcases key learning experiences and social work competencies. CR/NC grading. Offered Spring

MSW 592. Diagnostic Assessment in Social Work Practice. (3 Units)

Restricted to majors. Overview of assessment for contextually and culturally competent social work practice using the DSM 5. A principle goal is to address, from a social justice standpoint, issues of social hierarchies and power in the use of diagnosis of mental health disorders. Offered Summer

MSW 594. Independent Study in Social Work. (3 Units)

Independent pursuit of a topic or project which is proposed by the student. Study must be interdisciplinary and must be approved, in advance, by faculty member supervising study. Repeatable course. Non-repeatable. Offered As needed

MSW 595. Special Topics in Social Work. (1-3 Units)

Advanced course of special interest for Social Work graduate students. Topic and content will vary as announced. Offered As needed

MSW 598. Directed Research. (3 Units)

Prerequisite: Advancement to candidacy and consent of program coordinator. Co-requisites: MSW 551 or MSW 551, MSW 553, MSW 560 or MSW 561, and MSW 570. Extensive research on a subject related to the student's area of concentration under the guidance of a faculty member. Designed to prepare students for the Project, Thesis or their Comprehensive Examination. CR/NC grading. Offered Fall

MSW 599. Social Work Thesis. (3 Units)

Prerequisite: Completion of all foundation-level MSW courses, including Foundation Year field practicum. Thesis option requires the student to design, implement, analyze and write up a formal research paper about an investigation into a topic relevant to the social work profession, which includes flexibility in terms of creativity and methodology. CR/NC grading Offered Spring

MSW 600. Graduate Continuation Course. (1 Units)

Students who have completed their course work but not their directed project may maintain continuous enrollment by registering for this course with permission of the program coordinator. Offered Infrequent

Mathematics (MAT)

MAT 100. Calculus Success Academy. (2 Units)

Preparation for MAT 103, MAT 153, and MAT 191. Students will strengthen their problem solving and algebra skills while working collaboratively on math problems arising from various STEM disciplines. For students majoring in Biochemistry, Chemistry, Computer Science, Mathematics and Physics. Offered All terms, Spring, Summer

MAT 102. Foundations of Statistics. (3 Units)

Preparation for MAT 105 or MAT 132. Fundamental mathematical and statistical reasoning, including linear functions, measures of center and spread, representative of data, interpreting graphs, counting methods. Not intended for science and math majors that require MAT 153 or higher. Offered All terms, Fall, Spring, Summer

MAT 103. Introduction to College Algebra. (4 Units)

Preparation for MAT 151 College Algebra. Graphic, numeric, analytic and applied perspectives on algebraic concepts of linear and nonlinear functions, linear programming, exponents, radicals, exponential functions and transformation of functions. Intended for science and math majors. Offered All terms, Fall, Spring, Summer

MAT 105. Finite Mathematics. (3 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Mathematics of finance, combinatorics, probability, statistical measures of central tendency and dispersion, problem solving and mathematical reasoning, and additional topical selected by instructor e.g. linear programming, statistics, graph theory, game theory. A-C-/NC grading. Satisfies the General Education Quantitative Reasoning Requirement. Offered Fall, Spring

MAT 107. Mathematics for Elementary School Teachers: Real Numbers. (3 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Sets and set theoretic operations as related to counting numbers and rational numbers and arithmetic operations. Real number system and its origins, development, structure and use. Special emphasis on problem solving, and the development and application of algorithms. Does not satisfy General Education Quantitative Reasoning Requirement. Offered Fall, Spring, All terms

MAT 111. Discovering Mathematics. (3 Units)

Problem solving and applications of mathematics to personal and civic life involving chance and descriptive statistics and selected additional topics. Includes use of spreadsheets and other technologies. Not intended for majors that require statistics or calculus. Offered Fall, Spring

MAT 131. Elementary Statistics and Probability. (3 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 151, MAT 153, or MAT 191. A practical course in probability and statistics including such topics as the binomial and normal distributions, confidence intervals, t, F, and chi-square tests, linear regression and correlation, and conditional probability. Satisfies the General Education Quantitative Reasoning Requirement. Offered Fall, Spring

MAT 132. Statistics and Probability with Support. (4 Units)

Recommended prerequisite: MAT 102 or GE Math Ready with Support (Level III) Includes the binomial and normal distributions, confidence intervals, linear regression and correlation, and conditional probability. Satisfies General Education Quantitative Reasoning Requirement. Offered Fall, Spring

MAT 134. Statistics & Probability - Supported. (4 Units)

MAT 134 is an introduction to statistics, including the binomial and normal distributions, confidence intervals, linear regressions and correlation, hypothesis testing, and conditional probability. Satisfies General Education Quantitative Reasoning. Not for students with credit for MAT 131 or MAT 132. Recommended for students designated "GE Ready with Support (Level III)." Offered Fall, Spring

MAT 141. Computers for Mathematics Teaching. (3 Units)

Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Introduction to computers for teachers of mathematics. Topics include flowcharting, programming in LOGO on microcomputers. Applications of computers to problem solving, statistics, and other areas of mathematics relevant to teachers of mathematics. Applications packages, CAI and social issues are studied. A-C-/NC grading. Does not satisfy General Education Quantitative Reasoning Requirement. Offered Infrequent

MAT 143. Problem Solving in Mathematics. (3 Units)

Prerequisite: be Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Objective is to increase students abilities to use knowledge and experience when encountering new and unexpected situations. Develop higher level thinking skills, learn to formulate, analyze, and model problems. Choosing relevant information, making conjectures, devising plans and testing solutions. A-C-/NC grading. Does not satisfy General Education Quantitative Reasoning Requirement. Offered Fall, Spring

MAT 151. College Algebra and Trigonometry. (4 Units)

Prerequisites: MAT 103 is required. Graphic, numeric, analytic and applied perspectives on topics including linear, quadratic, exponential, logarithmic and trigonometric functions, exponents and radicals, linear and nonlinear systems of equations and inequalities. Preparation for MAT 191: Calculus I. 3 units of discussion; 1 unit lab. Offered All terms, Fall, Spring

MAT 153. Pre-Calculus with Trigonometry with Lab. (4 Units)

Prerequisites: Math Placement Category Level 2 or completed GE Quantitative Reasoning. Topics include functions and their graphs; linear, quadratic, rational, exponential, and logarithmic functions; composition, transformation and arithmetic of functions; inverse function; inequalities; right-triangle trigonometry and circular motion; applications to contextual problems. This course is supported with Supplemental Instruction. Preparation for MAT 191: Calculus. Offered Fall, Spring

MAT 155. Pre-Calculus. (4 Units)

Prerequisite(s): Designation of "GE Ready (Level II)" or with permission of department. Topics include functions and their graphs; linear, quadratic, rational, exponential, and logarithmic functions; composition, transformation, and arithmetic of functions; inverse function; inequalities; right-triangle trigonometry and circular motion; applications to contextual problems. Preparation for MAT 191 Calculus. Offered Fall, Spring

MAT 171. Survey of Calculus for Management and Life Sciences. (4 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Not available for credit to students who have credit in MAT 191 or its equivalent or courses which have MAT 191 as a prerequisite. Functions, linear equations, the derivative and its applications, the integral and its applications, and partial derivatives. Satisfies the General Education Quantitative Reasoning Requirement. Offered Fall, Spring

MAT 191. Calculus I. (5 Units)

Prerequisite: MAT 151 or MAT 153 or equivalent with a grade of C or better. Limits, continuity, derivatives, differentiation formulas, applications of derivatives, introduction to integration, fundamental theorem of calculus, application of integration. Satisfies the General Education Quantitative Reasoning Requirement.
Offered Fall, Spring

MAT 193. Calculus II. (5 Units)

Prerequisite: MAT 191 or equivalent with a grade of C or better. Differentiation and integration of transcendental function. Techniques and applications of integration. Polar coordinates. Infinite sequences and series, power series, convergence. Satisfies the General Education Quantitative Reasoning Requirement.
Offered Fall, Spring

MAT 195. Selected Topics in Mathematics. (1-5 Units)

A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.
Offered As needed, All terms

MAT 207. Mathematics for Elementary School Teachers: Geometry & Statistics. (4 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Primarily for prospective elementary school teachers. Geometry from an intuitive problem solving standpoint. Constructions, symmetry, translations, rotations, patterns, area, volume, and the metric system. Topics from graph theory and topology. Two hours of lecture and two hours of activity per week. Does not satisfy General Education Quantitative Reasoning Requirement.
Offered Fall, Spring

MAT 211. Calculus III. (5 Units)

Prerequisite: MAT 193 or equivalent with a grade of C or better. Multivariable calculus: analytic geometry, scalar and vector products, partial differentiation, multiple integration, change of coordinates, gradient, optimization, line integrals, Green's theorem, elements of vector calculus.
Offered Fall, Spring

MAT 213. Calculus IV. (4 Units)

Prerequisite: MAT 211 or equivalent with a grade of C or better. Topics covered include vector calculus, line and surface integrals, and the theorems of Green, Gauss, and Stokes.
Offered Infrequent

MAT 241. Programming and Technology for Teaching Secondary School Mathematics. (3 Units)

Prerequisite: MAT 193 or equivalent with a grade of C or better. Introduction to application software appropriate for the teaching of secondary school mathematics. The programs include spreadsheet, geometric modeling, and statistics modeling. Writing simple programs for graphing calculators to demonstrate and solve mathematical problems.
Offered Fall

MAT 247. Elements of Linear Algebra. (3 Units)

Matrix algebra emphasizing small (2×2 and 3×3) matrices and vectors over the real numbers, solutions of systems of equations, determinants, inner product spaces, and linear transformations, with applications to other subjects, e.g. physical and computer science, economics, and operations research.
Offered Fall, Spring

MAT 271. Foundations Of Higher Math. (3 Units)

Prerequisite: MAT 193 with grade of C or better. Topics include logic, methods of mathematical proof, set theory, relations and functions. Introduction to complex numbers and proof strategies using ideas of vector algebra. Meant to prepare students for mathematics program as well as concepts of computer science.
Offered Fall, Spring

MAT 281. Discrete Mathematics. (3 Units)

Prerequisite: a) MAT 151 or MAT 153 and b) CSC 115 or CSC 121 or MAT 241 or equivalent with grade of C or better. Matrix algebra, graph theory, trees, combinatorics, Boolean algebra; with applications to computers and computer programming.
Offered Fall, Spring

MAT 295. Selected Topics In Mathematics. (1-4 Units)

Prerequisites: MAT 193 and consent of instructor. A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.
Offered As needed

MAT 297. Independent Study. (1-4 Units)

Prerequisites: MAT 193, consent of instructor and consent of department chair. A reading program of selected topics not covered by regularly offered courses conducted under the supervision of a faculty member.
Offered As needed

MAT 307. Foundations of Middle School Mathematics I. (3 Units)

Foundations of Mathematics related to the middle school curriculum. Course 1 includes the following topics: Reasoning with numbers, basic number proofs, understanding exponents, proportional reasoning, rates, linear functions, method of finite differences, and the theory and application of these topics.
Offered Infrequent, All terms

MAT 308. Foundations of Middle School Mathematics II. (3 Units)

Foundations of Mathematics related to the middle school curriculum. Course 2 includes the following topics: basic Euclidean facts, algebra-geometry connections, volume and surface area formulas, similarity, congruence, and scale factors, and the theory and application underlying these topics.
Offered Infrequent

MAT 309. Foundations of Middle School Mathematics III. (3 Units)

Foundations of Mathematics related to the middle school curriculum. Course 3 includes the following topics: concept of functions, inverse functions, properties of rational, trigonometric and exponential functions and fundamental concepts in Calculus.
Offered All terms, Infrequent

MAT 311. Differential Equations. (3 Units)

Prerequisite: MAT 211 and MAT 271 with a grades of C or better. Topics covered include first and second order linear equations including existence and uniqueness theorems, series solutions; nonlinear equations; systems of linear equations. Other topics may include the Laplace transform, qualitative theory.
Offered Fall

MAT 315. Introduction to Survival Analysis. (3 Units)

Prerequisites: CSC 115 or MAT 241; MAT 193, MAT 131 or MAT 132 are required. Co-requisites: MAT 323 and MAT 327 are recommended. Survival analysis is about the analysis of time-to-event data. This course will help you understand the fundamental concepts of survival analysis. Topics include, but are not limited to, time-to-event data, Log-rank test and Cox proportional hazards regression.
Offered Fall

MAT 321. Probability and Statistics. (3 Units)

Prerequisite: MAT 193 and MAT 271 or equivalent with grade C or better. A calculus based survey of topics in probability and statistics emphasizing applications.
Offered Fall, Spring

MAT 323. Statistical Inference. (3 Units)

Point and interval estimation, hypothesis testing, simple linear regression, re-sampling. Method of moments, maximum likelihood, bias and variance, mean-squared error, sufficiency, likelihood ratio tests, p-value, power calculation, analysis of variance, Neymann-Pearson lemma, uniformly most powerful tests.
Offered Fall

MAT 327. Introduction to Machine Learning with Software. (3 Units)

Required Prerequisites: MAT 281. Recommended Prerequisite: MAT 131 Machine learning uses methods and concepts to sift through data to create automated prediction and decision programs. This course will develop the underlying mathematical concepts and proficiency with R or similar software to understand, build, and apply machine learning.
Offered Spring

MAT 331. Linear Algebra. (3 Units)

Prerequisite: MAT 247 and MAT 271 or equivalent with a grade of C or better. Linear equations, vector spaces, matrices, linear transformations, determinants, eigenvalues, eigenvectors, etc.
Offered Fall, Spring

MAT 333. Abstract Algebra. (3 Units)

Prerequisite: MAT 271 or equivalent with a grade of C or better. The theory of groups, rings, ideals, integral domains, fields and related results.
Offered Fall

MAT 337. Mathematical Logic. (3 Units)

Prerequisite: MAT 191 or equivalent with a grade of C or better. Topics covered include propositional calculus, classical and intuitionistic; completeness and consistency theorems; first order predicate calculus with equality; axiomatic arithmetic; Godel's incompleteness theorem.
Offered Infrequent

MAT 347. Modern Geometry. (3 Units)

Prerequisite: MAT 271 or equivalent with a grade of C or better. Topics in synthetic and analytic geometry; transformations, similarity, congruence, distance, angles, constructions; introduction to projective and/or non-Euclidean geometry.
Offered Spring

MAT 351. Probability Theory. (3 Units)

Prerequisite: MAT 193 or equivalent with a grade of C or better. Probability as a mathematical system, set theory, conditional probability and independent events, random variables, distribution and density functions, covariance and correlation, limit theorems, convolutions, computer generation of random numbers.
Offered Infrequent

MAT 353. Stochastic Processes. (3 Units)

Prerequisite: MAT 351 or equivalent with a grade of C or better. A selection from among several topics, including Markov chains; Markov processes; queuing, branching, Poisson, and Gaussian processes; stationary processes.
Offered Infrequent

MAT 361. Finite Automata. (3 Units)

Prerequisite: MAT 281 or equivalent with a grade of C or better. Study of the abstract formalization of digital computers. Applications to computation theory and formal linguistics.
Offered Infrequent

MAT 367. Numerical Analysis I. (3 Units)

Prerequisites: Experience in BASIC, FORTRAN or Pascal and MAT 211 or equivalent with a grade of C or better. Approximation of roots of functions, interpolation formulas, numerical solutions of systems of equations, numerical differentiation and integration, numerical solutions to ordinary differential equations.
Offered Infrequent

MAT 369. Numerical Analysis II. (3 Units)

Prerequisite: MAT 367 or equivalent with a grade of C or better. A continuation of MAT 367, including approximation of eigenvalues and eigenvectors, approximation by splines, numerical solutions of parabolic, elliptic, and hyperbolic partial differential equations.
Offered Infrequent

MAT 395. Selected Topics in Math. (1-4 Units)

Prerequisites: MAT 211 and consent of instructor. A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.
Offered As needed

MAT 396. Practicum in Mathematics. (3 Units)

Prerequisites: Consent on Department Chair or Instructor is required. Supervised work experience, emphasizing hands-on training and application of practical and/or technical skills in mathematics, in a suitable setting. Students will submit a comprehensive report or portfolio. CR/NC grading. Repeatable course.
Offered Fall, Spring

MAT 398S. Directed Research. (1-3 Units)

Offered Infrequent

MAT 401. Advanced Analysis I. (3 Units)

Prerequisites: MAT 211 and MAT 271, or equivalent with a grade of C or better. Elements of set theory, numerical sequences and series, continuity and differentiability of functions of one and several variables.
Offered Fall

MAT 403. Advanced Analysis II. (3 Units)

Prerequisite: MAT 401 or equivalent with a grade of C or better. Integration of functions of one and several variables, sequences and series of functions, uniform convergence, power series, differentiation of functions of several variables.
Offered Spring

MAT 411. Mathematical Modeling. (3 Units)

Prerequisite: MAT 211, MAT 241, and MAT 271 or CSC 121 or CSC 111. Flexible course content depending on interest of instructor and students. Possible topics are: epidemic and predator-prey models from differential equations; linear programming models; Arrow's theorem; and probability models.
Offered Spring

MAT 413. An Introduction to Partial Differential Equations. (3 Units)

Prerequisites: MAT 311 with a grade of C or better is required; MAT 213 is recommended. Solutions to partial differential equations by separation of variables and Fourier series. Applications to heat flow and diffusion, wave motion, and potentials. Some discussion of existence and uniqueness of solutions.

Offered Infrequent

MAT 417. Math Methods for Data Science. (3 Units)

Prerequisites: MAT 211 and MAT 247 are required; CSC 115 or MAT 241 are recommended. Methods include optimization (stochastic gradient descent, alternating direction method of multipliers (ADMM), L1 minimization) with applications to Linear Regression, K-means and Expectation-Maximization (EM) algorithm; matrix decomposition (singular value decomposition (SVD), principal component analysis (PCA) and nonnegative matrix decomposition) with applications to recommendation system, image processing and computer vision.

Offered Fall

MAT 421. Complex Analysis. (3 Units)

Prerequisites: MAT 211 and MAT 271 with a grade of C or better. MAT 331 and MAT 401 (may be taken concurrently) are recommended. Complex numbers; point sets, sequences and mappings; analytic functions; elementary functions; integration; power series; the calculus of residues; and applications.

Offered Spring

MAT 443. History Of Mathematics. (3 Units)

Prerequisite: MAT 193 with a grade of C or better. Traces the growth and development of mathematics from primitive origins to present, uses methods and concepts of mathematics to present the topics.

Offered Spring

MAT 447. Number Theory. (3 Units)

Prerequisite: MAT 271 with a grade of C or better. Divisibility, congruencies, prime number theory, Diophantine Equations, and other topics from elementary number theory.

Offered Spring

MAT 448. Cryptography. (3 Units)

Prerequisites: MAT 271 with a grade of C or better is required. CSC 115 or CSC 121 with a grade of C or better is recommended. Congruencies and number theory, history and early cryptosystems, cryptographic data structures, public key cryptography, additional cryptosystems such as DES, AES, and elliptic curve cryptography. Computer implementations will also be covered, as well any needed additional mathematical topics (e.g. finite fields.)

Offered Fall

MAT 451. Mathematical Statistics. (3 Units)

Prerequisite: MAT 351 or equivalent with a grade of C or better. Sums of independent random variables; functions of random variables; chi-square, F, and t distributions; estimation of parameters; maximum-likelihood, unbiased, consistent, minimum-variance, and minimum-mean-square error estimators; confidence intervals; central limit theorem.

Offered Infrequent

MAT 460. Graph Theory and Algorithms. (3 Units)

Prerequisites: MAT 211, MAT 271, and MAT 241, or CSC 121, or CSC 115 or equivalent with a grade of C or better are required. MAT 281 with a grade of C or better is recommended. Graphs, digraphs, multigraphs, graph modeling, degrees and degree sequences, subgraphs, isomorphisms of graphs, and digraphs, distance concepts and applications, trees, and tree algorithms, Hamiltonian and Eulerean graphs. The viewpoints will be conceptual, theoretical and algorithmic.

Offered Fall

MAT 489. Fundamental Mathematics and Teaching in Secondary Schools. (4 Units)

Prerequisite: 9 units of 300/400-level mathematics with a grade of C or better; In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Synthesis and analysis of secondary mathematics and its teaching. Emphasis will be placed on algebraic thinking and its teaching in high school. Forty hours of secondary classroom observations will be a required activity in this course. A Certificate of Clearance is required.

Offered Spring

MAT 490. Seminar in Mathematics Education. (3 Units)

Prerequisite: 9 units of 300/400 mathematics courses with a grade of C or better. The synthesis and analysis of the secondary mathematics curriculum from an advanced standpoint. Emphasis will be on the integration of problem solving, investigations, reasoning, and communication as recommended in state and national standards.

Offered Fall

MAT 495. Selected Topics In Math. (1-4 Units)

Prerequisites: Consent of instructor and MAT 271. A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.

Offered As needed

MAT 497. Independent Study. (1-4 Units)

Prerequisites: MAT 211, consent of instructor and consent of department chair. A reading program of selected topics not covered by regularly offered courses conducted under the supervision of a faculty member.

Offered As needed

MAT 500. Mathematics Education Research Design and Statistics. (3 Units)

Prerequisites: Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Includes topics such as normal distribution, confidence intervals, t, F, chi-squared tests, linear regression, and correlation. These topics are presented in the context of mathematics education research in typical classrooms.

Offered As needed

MAT 501. Foundations of Geometric Thinking. (3 Units)

Prerequisites: MAT 543 or concurrent enrollment. Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Research on Various topics in geometry. Focus on developing notions of rigorous proof and grade-appropriate explanations. Topics are chosen from the Geometry areas and standards emphasized in K-12.

Offered As needed

MAT 505. Foundations of Mathematical Structures. (3 Units)

Prerequisites: MAT 543 or concurrent enrollment. Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Topics include the algebraic properties of sets and operations applied to classical number systems, equivalence, modular arithmetic, Diophantine equations, decomposition of natural numbers, special families of natural numbers, current research on understanding and learning these topics.

Offered As needed

MAT 506. Foundations of Rational Numbers. (3 Units)

Prerequisites: MAT 543 or concurrent enrollment. Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Covers theory and applications of Rational numbers. Focus on number systems, representation of numbers, equivalence classes, rationality and irrationality, properties of the rational numbers system, central ideas of proportional reasoning, and developing intuitive models of standard rules and algorithms.

Offered As needed

MAT 515. Topics in Advanced Finite Math. (3 Units)

Prerequisites: Possession of a baccalaureate degree and one year of full-time secondary mathematics teaching. Topics from areas of Modern Mathematics which relate to the high school mathematics curriculum such as: algorithms, graph theory, coding theory, game theory, finite probability theory, difference equations, voting, recursion.

Offered As needed

MAT 517. Fractals for Teachers. (3 Units)

Prerequisites: Possession of a baccalaureate degree and one year of full-time secondary mathematics teaching. Topics from Fractal and Chaos Theory including: the Cantor Set, Koch Curve, Julia Sets, space filling curves. Brownian motion and Chaotic behavior. Selections to relate to the high school mathematics curriculum.

Offered Infrequent

MAT 521. Geometry For Teachers. (3 Units)

Prerequisites: MAT 543, graduate standing and one year of full time secondary mathematics teaching. Topics from Geometry including: points and lines in a triangle, properties of circles, collinearity, concurrence, transformations, arithmetic and geometric means, isoperimetric theorems, reflection principle.

Offered As needed

MAT 522. Foundations of Algebraic Thinking. (3 Units)

Prerequisites: Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Patterns, functions, and multiple representations; independent and dependent variables; discrete and continuous functions; linear and nonlinear relationships in context; connections to arithmetic operations; algebraic expressions and equations. Examines current research on the understanding and learning of these topics.

Offered As needed

MAT 523. Theory of Function. (3 Units)

Prerequisites: MAT 543, graduate standing and one year of full time secondary mathematics teaching. Topics from Function Theory including: mathematical models, linear functions, non-linear functions, transformations, limits, continuity, functions of several variables.

Offered As needed

MAT 525. Algebraic Structures for Teachers. (3 Units)

Prerequisites: MAT 543, graduate standing and one year of full time secondary mathematics teaching. Topics relating to the high school Algebra curriculum from an advanced standpoint including algorithms, fields, polynomials, groups, fields, and rings.

Offered As needed

MAT 543. Advanced Problem Solving. (3 Units)

Problem solving using non-routine strategies. Problems to be representative of several branches of mathematics and mathematically based disciplines.

Offered As needed

MAT 545. History of Math Education. (3 Units)

Prerequisites: Graduate standing and one year of full time secondary teaching. Traces the development of the mathematics curriculum K-12 in the United States and internationally, concentrating both on content taught at different stages and the teaching methods employed. Reviews the various mathematics reform efforts over the past 170 years.

Offered As needed

MAT 555. Research in Mathematics Education. (3 Units)

Prerequisites: GED 500 and consent of program. Integrates previous work and experience by emphasizing the application of theoretical models and research designs to the field of mathematics education. Special emphasis will be given to analyzing, organizing, and evaluating findings, and communicating the results.

Offered Infrequent

MAT 557. Research in Math Education I. (3 Units)

Prerequisites: MAT 500 and 15 units of program. Overview of the current research literature pertaining to mathematics education in elementary and secondary schools. Topics such as mathematical reasoning, communication, problem solving, algebra, and geometry will be discussed and analyzed.

Offered As needed

MAT 559. Research in Math Education II. (3 Units)

Prerequisite: MAT 557. Overview of the current research literature pertaining to mathematics education in elementary and secondary schools. Topics such as mathematical reasoning, communication, problem solving, algebra, and geometry will be discussed and analyzed.

Offered As needed

MAT 590. Graduate Seminar in Mathematics Education. (1-4 Units)

Prerequisites: Possession of a baccalaureate degree and one year of full-time secondary mathematics teaching. Presentation and discussion of selected topics in Mathematics Education. Repeatable course.

Offered Infrequent

MAT 594S. Independent Study. (1-4 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a faculty member, the student will investigate in detail current scholarship in some area. Repeatable course.

Offered As needed

MAT 595. Selected Topics. (1-4 Units)

Â An intensive study of selected issues in mathematics education.

Repeatable course.

Offered As needed

MAT 597S. Directed Reading. (1-4 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under the guidance of faculty mentor.

Repeatable course.

Offered Infrequent

MAT 598S. Directed Research. (1-4 Units)

Prerequisite: Classified graduate standing. Students will design and conduct research projects under the direct supervision of the instructor.

Repeatable course.

Offered As needed

MAT 599. Masters Project. (6 Units)

Prerequisite: Advancement to Candidacy. Completion of classroom based project under the guidance of faculty advisor. The culminating learning experience of the program which emphasizes the application of the mathematics education curriculum in the classroom.

Offered As needed

MAT 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Infrequent

Military Science (MSL)

MSL 101. Foundations of Officership. (1 Units)

Recommended co-requisite: MSL 103. Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. Establishes framework for understanding officership, leadership, and followed army values including life skills such as physical fitness and time management.
Offered Fall, Spring

MSL 102. Basic Leadership. (1 Units)

Recommended co-requisite: MSL 104. Establishes foundation of basic leadership fundamentals such as problem solving, communications, goal setting, techniques for improving listening and speaking skills, briefings and effective writing and an introduction to effective counseling.
Offered Fall, Spring

MSL 103. Military Science and Leadership Lab for MSL 101. (1 Units)

Co-requisite: MSL 101. Course is designed to assist students with no military background. The student will be a member of a squad and receive instruction on small unit tactics, army values, army leadership techniques and selected critical individual military skills. Lab is encouraged by optional unless contracted. CR/NC grading.
Offered Fall, Spring

MSL 104. Military Science and Leadership Lab for MSL 102. (1 Units)

Co-requisite: MSL 102. Course is designed to assist students with no military background. The student will be a member of a squad and receive instruction on small unit tactics, army values, army leadership techniques and selected critical individual military skills. Lab is encouraged but not required unless contracted. CR/NC grading.
Offered Fall, Spring

MSL 201. Individual Leadership Studies. (2 Units)

Recommended prerequisite: MSL 102. Recommended co-requisite: MSL 203. Students identify successful characteristics through the observation of others and through experimental learning exercises. Students record observed traits (good and bad) in a dimensional learning journal and discuss the observations in a small group setting.
Offered Fall, Spring

MSL 202. Leadership and Teamwork. (2 Units)

Recommended prerequisite: MSL 201. Recommended co-requisite: MSL 203. Students identify successful characteristics through the observation of others and through experimental learning exercises. Students record observed traits (good and bad) in a dimensional learning journal and discuss the observations in a small group setting.
Offered Spring

MSL 203. Military Science and Leadership Lab for MSL 201. (1 Units)

Recommended prerequisite: MSL 102, MSL 104. Recommended co-requisite: MSL 201. Students will transition into becoming a small group leader and will perform duties of military fire team leader and squad leader. Cadet will learn army values, leadership techniques and selected individual military skills. Lab is encouraged but not required unless contracted. CR/NC grading.
Offered Fall, Spring

MSL 204. Military Science and Leadership Lab for MSL 202. (1 Units)

Recommended prerequisite: MSL 101, MSL 103. Co-requisite: MSL 202. Students will perform duties of military fire team leader and squad leader. Cadet will learn army values, leadership techniques and selected individual military skills. Students will be assessed for leadership performance. Lab is encouraged but not required unless contracted. CR/NC grading.
Offered Fall, Spring

MSL 301. Leadership and Problem Solving. (3 Units)

Prerequisites: MSL 202 and MSL 204 or consent of instructor. Co-requisite: MSL 303. Students conduct self-assessment of their leadership style, develop personal fitness programs and learn how to plan and conduct small unit training while testing their reasoning and problem solving techniques. Students receive direct feedback on their leadership skills.
Offered Fall, Spring

MSL 302. Leadership and Ethics. (3 Units)

Prerequisites: MSL 301 and MSL 303. Co-requisite: MSL 304. Examines the role communications, values, and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military, and survey Army leadership doctrine. Emphasis on improving oral and written communication abilities.
Offered Fall, Spring

MSL 303. Military Science and Leadership Lab for MSL 301. (1 Units)

Prerequisites: MSL 202 and MSL 204, or consent of instructor. Co-requisite: MSL 301. Course teaches leadership skills, counseling, oral and written communications, supervision, and preparation and conduct of training. CR/NC grading.
Offered Fall, Spring

MSL 304. Military Science and Leadership Lab for MSL 302. (1 Units)

Prerequisites: MSL 301 and MSL 303. Co-requisite: MSL 302. Students serve in various leadership positions including squad, platoon and company levels. Responsible for developing and executing unit plans and orders; training other students, executing small unit tactics and preparing for Advanced Camp Training/Evaluation. CR/NC grading.
Offered Fall, Spring

MSL 401. Leadership Management. (3 Units)

Prerequisites: MSL 302 and MSL 304. Co-requisite: MSL 403. Develops the students' proficiency in planning and executing complex operations, functioning as a member of a staff and mentoring subordinates. Students explore training management, methods of effective staff collaborations and developmental counseling techniques.
Offered Fall, Spring

MSL 402. Officership. (3 Units)

Prerequisites: MSL 401 and MSL 403. Co-requisite: MSL 404. Study includes case study analysis of military law and practical exercises on establishing an ethical command climate. Students must complete a semester long leadership project that requires them to plan, organize, collaborate, analyze and demonstrate their leadership skills.
Offered Fall, Spring

MSL 403. Military Science and Leadership Lab for MSL 401. (1 Units)

Prerequisites: MSL 302 and MSL 304. Co-requisite: MSL 401. Accepted as a cadet in the ROTC program, cadet will serve in leadership positions at the platoon, company and battalion levels. Responsible for planning, execution, and evaluation of ROTC training activities. Cadet will also serve as mentor for junior cadets. CR/NC grading.
Offered Fall, Spring

MSL 404. Military Science and Leadership Lab for MSL 402. (1 Units)

Prerequisites: MSL 401 and MSL 403. Co-requisite: MSL 402. Accepted as a cadet in the ROTC program, cadet will serve in leadership positions at the platoon, company and battalion levels. Responsible for planning and evaluation of ROTC training activities. Cadet will serve as mentor for junior cadets. Upon completion of course, the cadets will be prepared to serve as commissioned officers. CR/NC grading.

Offered Fall, Spring

MSL 411. United States Military History. (3 Units)

Study of the American military establishment and the art of war with emphasis placed on the changing nature of warfare in the face of social, economic, and technological developments.

Offered Fall, Spring

Modern Languages (MLG)

MLG 195. Special Topics in Modern Languages.. (3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Repeatable for a credit.

Offered As needed

MLG 294. Independent Study in Modern Languages I. (1-3 Units)

Prerequisites: Consent of instructor and chair of Modern Languages.

Beginning/intermediate individual study and or credit by examination in a foreign language not regularly offered on campus. Arrangements must be made in advance of registration. Repeatable course.

Offered Infrequent

MLG 295. Special Topics in Modern Languages. (3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Repeatable for a credit.

Offered As needed

MLG 318. New Perspectives on Language and Sex. (3 Units)

This interdisciplinary and pluricultural course introduces students to the analysis of language and gender. Analyzes themes regarding sociolinguistic visibility and representation of gender and sex through a critical examination of the interaction and interrelation between language and gender.

Offered Fall, Spring, Summer

MLG 494. Independent Study in Modern Languages II. (1-3 Units)

Prerequisites: Consent of instructor and chair of Modern Languages.

Intermediate or advanced individual study or credit by examination in a foreign language not regularly offered on campus. Arrangements must be made in advance of registration. Repeatable course.

Offered Infrequent

MLG 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered Infrequent

Music (MUS)

MUS 100. Concert Music. (1 Units)

This course provides training and support for music majors at a beginner level through in-class performances, masterclasses, music journalism essays, attendance at various music performances and department camaraderie. Required attendance in-class and at approved music performances as determined by the Department of Music. May be repeated once. CR/NC grading. Restricted to majors.

Offered Fall, Spring, All terms

MUS 101. Introducing Music. (3 Units)

The technique of listening to music. The elements of music, musical forms, and historical styles. Concert attendance and discussion will be an integral part. Satisfies a General Education Requirement. This course is restricted to 1st time Freshman going through the First Year Experience.

Offered Fall, Spring, All terms

MUS 105. Introduction to Musicianship. (1 Units)

Prerequisite: Concurrent enrollment in MUS 101 or MUS 110 is recommended. An activity course in which students will begin exercises in music perception skills, pitch matching, identification of musical patterns, beginning ear-training and sight-singing drills. Preparation for the Musicianship Proficiency Exam. Repeatable course. Two hours activity per week.

Offered Fall, Spring

MUS 106. Musicianship Skills. (1 Units)

Prerequisites: MUS 105, MUS 110, and MUS 111 are recommended.

Ear training, sight-singing, rhythm, keyboard harmony, and melodic and rhythmic dictation. This course is meant to parallel work in MUS 112 and MUS 113. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 110. Music Fundamentals. (3 Units)

Prerequisite: Concurrent enrollment in MUS 109 is recommended.

Music rudiments taught through reading, writing, harmonizing and creating songs. Includes principles of notation, key signatures, scales, intervals, triads and chord progressions. Satisfies a General Education Requirement.

Offered Fall

MUS 111. Intro. To Music Theory. (3 Units)

Prerequisite: MUS 110 or placement test. Elements of music taught through reading, writing and harmonizing at the keyboard. Topics include key signatures, scales, intervals and basic harmony.

Offered Spring

MUS 112. Music Theory I. (3 Units)

Musical theory emphasizing materials from the Common Practice Period (1700-1900). The vocabulary of diatonic scales and modes, chords and their relationships, phrase structure and cadences, harmonic progressions, non-harmonic tones and the technique of harmonization.

Offered Fall

MUS 113. Music Theory II. (3 Units)

Prerequisites: MUS 112 and concurrent enrollment in MUS 106.

Chromatic Harmony of the Common Practice Period. Harmonic analysis, secondary dominants, modulation, borrowed chords, augmented sixth chords, Neapolitan sixth chords, diminished sevenths, and ninth, eleventh and thirteenth chords.

Offered Spring

MUS 120. Beginning Voice Class. (1 Units)

Prerequisite: Consent of instructor. Fundamental principles of singing. Posture, breath control, tone production, diction and performance techniques and styles. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 122. Beginning Guitar Class. (1 Units)

Prerequisite: Previous or concurrent enrollment in MUS 101 and MUS 110 or consent of instructor is recommended. Beginning instruction in guitar technique, single string melody, and chord positions. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 160. Repertoire. (1 Units)

Special topics vary by section and semester. See Class Schedule for title and prerequisites. Repeatable course.

Offered Fall, Spring

MUS 167. Latin American Regional Music Ensemble. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.

Offered Fall, Spring

MUS 168. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.

Offered Fall, Spring

MUS 169. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.

MUS 170. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Study of music through small instrumental ensemble rehearsal and performance. Type of group may vary. See Class Schedule for title. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 171. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 172. Jubilee Choir. (1 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Spring

MUS 173. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study and performance of instrumental jazz repertoire. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 175. Band. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of concert band music. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Infrequent

MUS 176. Orchestra. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 177. Chorus. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for chorus. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 178. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Infrequent

MUS 179. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts or complete musical theatrical works. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Infrequent

MUS 180. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of Department Chair and Instructor. Individual instruction in the student's major performance medium developing technique and repertoire. Individual one-half hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, tuba, percussion, violin, viola, cello, string bass, harp, classical guitar, lute, commercial guitar, and electric bass. Primarily for performance majors. Instrument fee may be required. Repeatable course.

Offered Fall, Spring

MUS 181. Introduction to Piano I. (1 Units)

Beginning instruction in keyboard technique. Repeatable course. Two hours of activity.

Offered Fall, All terms

MUS 182. Introduction to Piano II. (1 Units)

Prerequisite: MUS 181 or consent of instructor. Beginning instruction in keyboard technique. Repeatable course. Two hours of activity per week.

Offered Infrequent

MUS 183. Piano I. (1 Units)

Prerequisites: MUS 181 and MUS 182 are recommended. Intermediate instruction in keyboard techniques. Keyboard harmony, scales, chords and improvised accompaniments. Repeatable course. Two hours of activity per week.

Offered Fall

MUS 184. Piano II. (1 Units)

Prerequisites: MUS 183 or consent of instructor. Intermediate instruction in keyboard technique. Keyboard harmony, scales, chords and improvised accompaniments. Repeatable course. Two hours of activity per week.

Offered Spring

MUS 195. Special Topics in Music. (1-3 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered As needed

MUS 200. Concert Music II. (1 Units)

Prerequisite: MUS 100. Provides training and support for music majors at a beginner-intermediate level through in-class performances, masterclasses, music journalism essays, attendance at various music performances, and department camaraderie. Required attendance in-class and at approved music performances as determined by the Department of Music. May be repeated once. CR/NC grading.

Offered Fall, Spring, All terms

MUS 201. Music in Film: From the Silent Era to The Lord of the Rings. (3 Units)

Prerequisite: MUS 101 is recommended Studies film music over the past century and is open to all majors. Through readings, lectures, listening, and film viewing, students study music's continually changing relationship with film, composition styles, and musical and cultural diversity.

Offered Fall, Spring

MUS 206. Advanced Musicianship Skills. (1 Units)

Prerequisites: MUS 106 is required. MUS 112 and MUS 113 are recommended. Ear training, sight-singing, rhythm, keyboard harmony, and melodic, harmonic and rhythmic dictation. This course parallels work in MUS 310 and MUS 311 and provide preparation for the Musicianship Proficiency Exam. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 212. Advanced Music Theory I. (3 Units)

Structural, contrapuntal and harmonic analysis of musical forms from the Medieval through the Classical periods. A study of the literature, instrumentation, and notation. Practice includes aural analysis and creative composition.

Offered Fall

MUS 213. Advanced Music Theory II. (3 Units)

Prerequisites: MUS 212 or consent of instructor is required; concurrent enrollment in MUS 206 and MUS 316 is recommended. Structural, harmonic and contrapuntal analysis of musical forms from the Romantic period through the Twentieth Century. A study of the literature, instrumentation and notation. Practice includes aural analysis and creative composition.

Offered All terms, Spring

MUS 220. Intermediate Voice Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 120 or Consent of instructor. Singing with an emphasis on the vocal mechanism, use of the voice in ensemble singing and style in songs. Development of solo repertoire. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 222. Intermediate Guitar Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 122 or consent of instructor. Intermediate instruction in guitar technique, scales, chords and improvised accompaniments. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 223. Intermediate Flamenco Guitar. (1 Units)

Provides students with an introduction to the concepts and techniques necessary to play flamenco guitar, including tonality/mode and the workings of compas (the rhythmic structures unique to flamenco)

Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 250. History of Rock. (3 Units)

Prerequisite: MUS 101 is recommended. Studies the origins and movements of rock music including blues, R&B, soul, funk, and hip hop. Includes historical development, social contexts, associated styles and sub-genres, aesthetics, meanings, and music technology. Examines influential and innovative performers, songwriters, and producers.

Offered Fall, Spring

MUS 260. Repertoire. (1 Units)

Pre-requisite: MUS 160 (two semesters) is required; Co-requisite: MUS 280. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 280. In depth study of Etudes, scales, arpeggios, and supplemental solo repertoire.

Offered Fall, Spring, All terms

MUS 267. Latin American Regional Music. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.

Offered Fall, Spring

MUS 268. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.

Offered Fall, Spring

MUS 269. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.

Offered All terms

MUS 270. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Music study through small instrumental ensemble rehearsal and performance. Type of group may vary. See Class Schedule for title. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 271. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring, All terms

MUS 272. Jubilee Choir. (1 Units)

Prerequisite: MUS 110 or consent of instructor. An introduction to music fundamentals and techniques for dance accompaniment. Two hours of activity per week.

Offered Spring

MUS 273. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study and performance of instrumental jazz repertoire. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring, All terms

MUS 275. Band. (1 Units)

Prerequisite: Consent of instructor. Rehearsal and performance of concert band music. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 276. Orchestra. (1 Units)

Prerequisite: Consent of instructor. Rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 277. Chorus. (1 Units)

Prerequisite: Consent of instructor. Rehearsal and performance of music for chorus. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 278. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 279. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts and complete musical theatrical works. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 280. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of department chair and instructor. Individual instruction in the student's major performance medium developing techniques and repertoire at a beginner-intermediate level. Individual one hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, Trombone, euphonium, tuba, percussion, violin, viola, cello, string bass, harp, classical guitar, lute, commercial guitar, and electric bass. Primarily for music majors. Instrument fee may be required. Repeatable course.
Offered Fall, Spring

MUS 283. Piano III. (1 Units)

Prerequisites: MUS 101 or MUS 110 or consent of instructor. Basic principles of the early childhood music teaching methods developed by Carl Orff. Music education through movement, singing, speech and drama and use of Orff musical instruments. Two hours of lecture and two hours of activity per week.
Offered Fall

MUS 284. Piano IV. (1 Units)

Prerequisites: MUS 283 or consent of instructor. Advanced instruction in keyboard technique. Development of solo repertoire and preparation for the Piano Proficiency Exam. Repeatable course. Two hours of activity per week.
Offered Spring

MUS 290. Music Industry I: Survey of the Music Industry. (3 Units)

Introduces students to careers in the music industry and enhances their ability to recognize how these professions affect and impact our daily lives. Course examines the many different career fields that make the music industry profitable and progressive.
Offered Fall, Spring

MUS 294. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. The student investigates a scholarly topic or undertakes directed research or a creative project with the assistance of a Music faculty member. Repeatable course.
Offered Infrequent

MUS 295. Special Studies In Music. (3 Units)

Special topics vary by section and semester. See Class Schedule for title and prerequisites. Repeatable course.
Offered Infrequent, All terms

MUS 300. Concert Music III. (1 Units)

Prerequisite: MUS 200 is required. Provides training and support for music majors at an intermediate level through in-class performances, master classes, music journalism essays, attendance at various music performances, and department camaraderie. Required attendance in class and at approved music performances as determined by the Department of Music Repeatable once. CR/NC grading.
Offered Fall, Spring

MUS 301. Music In World Cultures. (3 Units)

Prerequisite: MUS 101 or 110 or consent of instructor. Survey of non-Western cultures from a musical point of view. Using familiar folk and popular music for comparison, students will be guided into new listening experiences, develop a vocabulary for discussing world music, and gain an appreciation of cultural pluralism.
Offered Fall, Spring

MUS 302. African American Music. (3 Units)

Introduction to the music of African Americans from roots in African cultural practice to current day. Musical genres include blues, spirituals, gospel, jazz, classical, R&B, soul, funk, hip-hop, rap, etc. The course is designed for music and non-music majors.
Offered Spring

MUS 305A. Music For Dance. (1 Units)

Prerequisites: MUS 101 and MUS 110 or consent of instructor. Survey and analysis of music suitable for children. History and philosophy of American music education emphasizing influences of European systems of Kodaly, Dalcroze, and Orff. Two hours of lecture and two hours of activity per week.
Offered Infrequent

MUS 308. Popular & Jazz Harmony. (3 Units)

Prerequisite: MUS 210 or consent of instructor. Analysis of chords and scale patterns, chord symbols, and chord substitutions in popular music and jazz.
Offered Fall

MUS 312. The Jazz Age. (3 Units)

Explores the social, cultural, and historical turbulence of the 1920s with a focus on the ways jazz aesthetics in music, literature, and the arts influenced and reflected new ways of thinking about American identity.
Offered Fall, Spring

MUS 315. Counterpoint. (3 Units)

Prerequisite: MUS 211 or consent of instructor. Counterpoint as a linear mode of compositional technique in Western music. Modal, tonal and post-tonal practices.

Offered Spring

MUS 316. Instrumentation. (3 Units)

Prerequisite: MUS 211 or MUS 308. Acoustical and musical characteristics of all the major orchestral and band instruments. Written assignments will include transcriptions for combination of instruments both as families and mixed ensembles.

Offered Fall, All terms

MUS 320. Advanced Voice Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 220 or consent of instructor. Singing with emphasis on vocal mechanism, use of the voice in ensemble singing, and style in songs. Development of solo repertoire in foreign languages. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 322. Advanced Guitar Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 222 or consent of instructor. Advanced instruction in guitar technique. Development of solo repertoire. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 323. Advanced Flamenco Guitar. (1 Units)

Prerequisite: Mus 223 required Course follows up on the concepts and techniques introduced in MUS 223, allowing students to move closer to mastery of flamenco guitar. Repeatable course. Two hours of activity per week

Offered Fall, Spring

MUS 325. Instrumental Conducting. (3 Units)

Prerequisite: MUS 310 or consent of instructor. An introduction to the basic techniques of conducting both instrumental groups, score reading, baton technique and fundamentals of interpretation. Repeatable course. Two hours of lecture and two hours of activity per week.

Offered Spring

MUS 326. Choral Conducting. (3 Units)

Prerequisite: MUS 212 or consent of instructor is required. An introduction to the basic techniques of conducting choral groups and the international phonetic alphabet (IPA). Score reading, hand technique, study of diction, pronunciation, and fundamentals of interpretation.

Repeatable course. Two hours of lecture and two hours of activity per week.

Offered Fall

MUS 333. Foundations in Music Education. (3 Units)

Prerequisite: MUS 180 and MUS 280; In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. A survey of the leading historical, technological, and pedagogical approaches to music education in the United States. This course contains an observation component in the field.

Offered Infrequent

MUS 340. Music For Children. (3 Units)

Prerequisites: MUS 282 or consent of instructor.

Offered Fall, Spring, All terms

MUS 345. Global Popular Music: Identity and Social Change. (3 Units)

Explores popular music and social change in Africa, Asia, South Asia, Southeast Asia, and Latin America. Students will consider social development, modernity, and political movements in relation to music and text as resistance and representing social change.

Offered Fall

MUS 360. Repertoire. (1 Units)

Pre-requisite: MUS 260 (two semesters); Co-requisite: MUS 380. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 380. In depth study of Etudes, scales, arpeggios, and supplemental repertoire. Repeatable for credit.

Offered Fall, Spring

MUS 367. Latin American Regional Music Ensemble. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.

Offered Fall, Spring

MUS 368. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.

Offered Fall, Spring

MUS 369. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.

Offered All terms

MUS 370. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Study of music through small instrumental ensemble rehearsal and performance. Type of group may vary by section and semester. See Class Schedule for title. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 371. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring, All terms

MUS 372. Jubilee Choir. (1 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Spring

MUS 373. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study of performance of instrumental jazz repertoire. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 375. Band. (1 Units)

Offered Infrequent

MUS 376. Orchestra. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring, All terms

MUS 377. Chorus. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for chorus. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 378. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 379A. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts and complete musical theatrical works. Repeatable once. Three hours of activity per week plus extras rehearsal and performance times to be arranged.
Offered Infrequent

MUS 380. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of department chair and instructor. individual instruction in the student's major performance medium developing technique and repertoire at an intermediate level. Individual one hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, trombone, euphonium, tuba, percussion, violin, viola, cello, string bass, harp, classic guitar, lute, commercial guitar, and electric bass. Primarily for music majors. Instrument fee may be required. Repeatable course.
Offered Fall, Spring, All terms

MUS 382. Advanced Piano II. (1 Units)

Prerequisites: MUS 381 or consent of instructor. Advanced instruction in keyboard technique. Development of solo repertoire and preparation for the Piano Proficiency Exam. Repeatable course. Two hours of activity per week.
Offered Spring, All terms

MUS 385. Medieval and Renaissance Music. (3 Units)

Prerequisites: MUS 101 and MUS 110 or consent of instructor. Music from the Medieval period through the Renaissance. Gregorian chant, Leonin, Perotin, Machaut, Dufay, Ockeghem, Josquin, Gombert, Willaert, Palestrina, Lasso, Gabrielli and other composers. Study of styles of music to uncover the various musical, aesthetic, and social determinants underlying the musical literature.
Offered Infrequent, All terms

MUS 386. Music History I: Medieval to Renaissance. (3 Units)

Prerequisites: MUS 101 and MUS 110 or consent of instructor. This course covers music from the Medieval through the Renaissance period. The study of styles of music to engage various musical, aesthetic, and social determinants underlying the musical literature..
Offered Spring

MUS 390. Music Industry II: Music Marketing, Media and Management. (3 Units)

Prerequisite: MUS 290 is required. Provides students with an understanding of the inner and outer-workings of artist and concert management, nonprofit arts management, arts enterprise management, advertising management, digital marketing, public relations, branding, merchandising, endorsements, sponsorships, promotion and touring, and big data.
Offered Fall, Spring

MUS 395. Special Studies/Activities In Music. (1-3 Units)

Offered Infrequent

MUS 400. Concert Music IV. (1 Units)

Prerequisite: MUS 300 is required. Provides training and support for music majors as an advanced level through in-class performances, masterclasses, music journalism essays, attendance at various music performances, and department camaraderie. Required attendance in-class and at approved music performances as determined by the Department of Music. May be repeated once. CR/NC grading.
Offered Fall, Spring

MUS 408. Advanced Songwriting. (3 Units)

Prerequisite: MUS 308 or consent of instructor. Original songs created by students will be performed, discussed, and constructively criticized. Well-known popular, show, country, rock and R and B songs will be studied as models of melodic, harmonic, rhythmic, structural and poetic composition. Field trips and guest lecturers from the industry. Publishing and copyright procedures.
Offered Infrequent

MUS 415. Composition and Arranging: Art Music. (3 Units)

Prerequisite: MUS 311 or consent of instructor. Composition and arranging of art music utilizing a variety of resources, from traditional instruments and voice to new instruments, electronics and computer. Repeatable course.
Offered Spring

MUS 416. Composition and Arranging: Popular and Jazz. (3 Units)

Prerequisite: MUS 308 or consent of instructor. Composition and arranging for popular and jazz ensembles with an emphasis on contemporary styles. Repeatable course.
Offered Spring

MUS 421. Instrumental Methods: MUS ED. (3 Units)

Required Co-requisite: MUS 333 Intensive preparation for prospective educators with focus on teaching instrumental music in schools (elementary, middle, and high school). Includes examination of appropriate literature, classroom management, and teaching pedagogy. Course contains a field experience component.
Offered Infrequent

MUS 433. Contemporary Pedagogy. (3 Units)

Prerequisites: MUS 333 and MUS 421 required. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Study of the contemporary principles, techniques, and procedures effective for small and large group music instruction. Emphasis on the development of philosophy, methodology, and teaching strategies. Course contains a field experience component.
Offered Infrequent

MUS 440. Intro To Orff Schulwerk. (3 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 441. Marching Band Techniques. (1 Units)

Pedagogy, management and administration of a marching band program. Content will address marching percussion, marching and maneuvering, and attached units.
Offered As needed

MUS 445. String Instruments. (1 Units)

Prerequisite: MUS 110 or consent of instructor. Introduction to the principles and literature of string instruments, with emphasis on skills necessary for future teachers of instrumental ensembles. Repeatable course. Two hours of activity per week. Instrument fee may be required.
Offered Spring

MUS 446. Woodwind Instruments. (1 Units)

Prerequisites: MUS 110 or consent of instructor. Instrument fee may be required. Introduction to the principles and literature of woodwind instruments with emphasis on skills necessary for future teachers of instrumental ensembles. Repeatable course. Two hours of activity per week.
Offered Fall

MUS 447. Brass Instruments. (1 Units)

Prerequisite: MUS 110 or consent of instructor. Introduction to the principles and literature of brass instruments with emphasis on skills, necessary for future teachers of instrumental performance times to be arranged.
Offered Spring

MUS 448. Percussion Instruments. (1 Units)

Prerequisite: MUS 110 or consent of instructor. Introduction to the principles and literature of percussion instruments with emphasis on skills necessary for future teachers of instrumental ensembles. Repeatable course. Two hours of activity per week. Instrument fee may be required.
Offered Fall

MUS 449. Vocal & Choral Techniques. (1 Units)

Prerequisites: MUS 106 or consent of instructor is required. Introduction to the principles and literature of vocal and choral instruction, with emphasis on skills necessary for future teachers of choral ensembles. Repeatable course. Two hours of activity per week.
Offered Spring

MUS 460. Repertoire. (1 Units)

Pre-requisite: MUS 360(two semesters); Co-requisite: MUS 480. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 380. In depth study of Etudes, scales, arpeggios, and supplemental repertoire. Repeatable for credit.
Offered Fall, Spring

MUS 467. Latin American Regional Music Ensemble. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.
Offered Fall, Spring

MUS 468. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.
Offered Fall, Spring

MUS 469. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.
Offered Fall, Spring

MUS 470. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Study of music through small instrumental ensemble rehearsal and performance. Type of group may vary by section and semester. See Class Schedule for title. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 471. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 472. Jubilee Choir. (1 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Spring

MUS 473. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study and performance of instrumental jazz repertoire. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 475. Band. (1 Units)

Offered Fall, Spring

MUS 476. Orchestra. (1 Units)

Prerequisites: Consent of department chair and instructor. Individual instruction and guidance in the technique of conducting instrumental and vocal ensembles. Individual lesson times are arranged with the instructor. Public performance and jury evaluation expected. Primarily for conducting majors. Repeatable course.
Offered Fall, Spring

MUS 477. Chorus. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for chorus. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 478. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 479A. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts and complete musical theatrical works. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 480. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of department chair and instructor. Individual instruction in the student's major performance medium developing technique and repertoire at an advance level. Individual one hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet. French horn, trombone, euphonium, tuba, percussion, violin, viola, cello, string bass, harp, classical guitar, lute, commercial guitar and electric bass. Primarily for music majors. Instrument fee may be required. Repeatable course.
Offered Fall, Spring

MUS 481S. Ind Lessons-Comp & Arrang. (1 Units)

Prerequisites: Consent of department chair and instructor. Individual instruction and guidance with music composition and arranging projects. Individual lesson times are arranged with the instructor. Jury evaluation expected. Primarily for composition majors. Repeatable course.
Offered Fall, Spring

MUS 483A. Interpretation Of Music. (1 Units)

Prerequisite: Concurrent enrollment in upper division individual lessons or consent of instructor. Exploration of a wide variety of topics relating to the interpretation of music from various stylistic periods. Recorded examples and student performances will be analyzed and compared with particular attention given to historic authenticity and contemporary practices. Repeatable course. Two hours of activity per week.
Offered Spring

MUS 485. Music History II: Baroque to Romantic. (3 Units)

Prerequisites: MUS 106 and MUS 112 or consent of instructor. Covers music from the Baroque through the Romantic period. The study of styles of music to engage various musical, aesthetic, and social determinants underlying the musical literature
Offered Fall

MUS 486. Music History III: 1880 to Contemporary. (3 Units)

Prerequisites: Two semesters of MUS 106 and 113 or consent of instructor. A critical analysis of music from the late Romantic through to the present. Students will focus on disciplinary writing on several styles of music to uncover the various technical, aesthetic, and social determinants underlying the musical literature. Students will actively refine their academic writing in music for diverse audiences, including writing for other musicians and the general public. Restricted to majors. A grade of C or better in this course fulfills the GWAR requirement for all Music majors and minors.
Offered Spring

MUS 493. Recital. (1 Units)

Prerequisite: Concurrent enrollment in MUS 480 or MUS 580. Preparation and performance of a full or half music recital. Repeatable course.
Offered Fall, Spring

MUS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a Music faculty member, the student investigates a scholarly topic or undertakes a creative project. Repeatable course.
Offered Fall, Spring

MUS 495. Special Studies In Music. (1-3 Units)

Special topics vary by section and semester. See Class Schedule for title and prerequisites. Repeatable course.
Offered Fall, Spring

MUS 496. Music Internship. (1-3 Units)

Prerequisite: Consent of department chair. Students participate in an off-campus internship with an approved employer. Provides for an integration of academic study and related work experience. CR/NC grading. Repeatable course.
Offered Fall, Spring

MUS 499. Senior Project. (3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a Music faculty member, student undertakes a major project which may be one of the following: original research and thesis on a given music history or theoretical topic, a creative project such as an original composition or a full recital with supporting scholarly program notes.
Offered Fall, Spring

MUS 580. Performance, Performance Practices and Repertoire. (2 Units)

Prerequisite: Audition and consent of department chair and instructor. Ensembles. Repeatable course. Two hours of activity per week. Instrument fee may be required.
Offered Infrequent

MUS 581S. Ind Lessons-Comp & Arrang. (1 Units)

Prerequisites: Consent of department chair and instructor. Individual instruction and guidance with music composition and arranging projects. Individual lesson times are arranged with the instructor. Jury evaluation expected. Primarily for composition majors. Repeatable course.
Offered Infrequent

MUS 582S. Indiv Lessons-Conducting. (1 Units)

Prerequisites: NCR 290, NCR 390, and NCR 405. Preparation for application of knowledge of negotiation, conflict resolution, and peacebuilding in school settings. Explores pedagogies appropriate for the development of conflict resolution skills and techniques as basis for both elective and prescriptive training modules.
Offered Infrequent

MUS 593S. Recital. (1 Units)

Prerequisite: Concurrent enrollment in MUS 580. Preparation and performance of a full or half music recital. Repeatable course.
Offered Infrequent

MUS 594. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a Music faculty member, the student investigates a scholarly topic or undertakes a creative project. Repeatable
Offered Infrequent

Negotiation & Conflict Res (NCR)

NCR 190. Seminar: Negotiation Theory. (3 Units)

Negotiation Theory will be presented through consideration of the game and other theories used in bargaining at all levels of society, so that the student will understand why negotiation is the underlying art in human affairs. Students will acquire the ability to appropriately select and apply tools of negotiation to conflict resolution and peacebuilding in order to achieve personal, community, national and international goals.
Offered As needed

NCR 289. Key Issues in Peacebuilding. (3 Units)

Introduction to theories of peace, conflict and violence. Emphasis is on interdisciplinary character of peacebuilding and application of theories and methods. Students gain understanding of nature of social conflict, causes of violence and the meanings of peacebuilding at all levels.
Offered Fall

NCR 290. Intro to Negotiation Theory. (3 Units)

Prerequisites: Sophomore standing and instructor approval.
Consideration of theories used in bargaining at all levels of society to understand why negotiation is the underlying art in human affairs. Students will acquire ability to appropriately select and apply tools on negotiation to conflict resolution and peacebuilding.
Offered Infrequent

NCR 291. Psychology of Peacebuilding. (3 Units)

Examines how psychological processes, cognitive and emotional, individual and collective, combine with external factors in causing violence. How these psychological insights can help prevent and resolve violent conflicts is examined through consideration of peacebuilding approaches.
Offered Spring

NCR 294. Independent Study in NCR. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.
Offered Infrequent

NCR 296. Undergraduate Internship: Peacebuilding I. (3 Units)

Prerequisite: Consent of instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities.
Offered Infrequent

NCR 387. Environment and Peacebuilding. (3 Units)

Peacebuilding and conflict transformation combine with ecology in an effort to reconsider the human relationship system as it combines with our environment. Explores how society might foster environmental improvements and sustainable development to achieve successful peacebuilding goals.
Offered Fall

NCR 390. Fundamentals of Conflict Resolution and Peacebuilding. (3 Units)

Prerequisite: NCR 290. Introduction to fundamentals involved with interdisciplinary conflict resolution and peacebuilding. Emphasis on ways the arts and humanities shape and form its ethics and methods. Issues like truth and cultural perspective-taking will be explored along with storytelling narrative; creativity/imagination.
Offered Fall, Spring

NCR 391. Restorative Justice. (3 Units)

Restorative arts and healing within conflict resolution encourages those who have harmed another to repair their harm. Victims, including affected community, receive opportunity to encounter offender, ask questions and share how they have been harmed. Restorative Discipline included.
Offered Fall

NCR 394. Independent Study in NCRP. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.
Offered Infrequent

NCR 396. Undergraduate Internship: Peacebuilding II. (3 Units)

Prerequisite: Consent of instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities.
Offered Infrequent

NCR 405. Research Methods: NCRP. (3 Units)

Prerequisites: NCR 290 and NCR 390. Instructs in strategic research approaches used to develop new tools, methods or projects for analysis emphasizing theoretical, analytical, research and practical skills in writing and critical thinking in the field of negotiation, conflict resolution and peacebuilding.
Offered Fall

NCR 410. NCRP Pedagogy. (3 Units)

Prerequisite: Requires approval of program director. Addresses emerging practice of conflict resolution in cyberspace. ODR utilizes online resources as the fourth party collaborating with the traditional third party in resolving conflicts more efficiently and less expensively.
Offered Spring

NCR 490. Capstone Course: NCRP. (3 Units)

Prerequisites: NCR 290, NCR 390, NCR 405 and NCR 410. Community service learning utilizing outside internships (120 hours) plus weekly class sessions (75 minutes each). Internship will include successful completion of 25-hour mediation skills and techniques training. Requires demonstration of ability to negotiate and resolve disputes.
Offered Spring

NCR 494S. Independent Study in NCRP. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.
Offered Infrequent

NCR 495. Special Topics in Negotiation, Conflict Resolution and Peacebuilding. (3 Units)

Prerequisite: Approval of Program Director. Intensive study of an issue, concept, theme or method in Negotiation, Conflict Resolution & Peacebuilding. May be taken for credit only once for the major. Repeatable course.
Offered As needed

NCR 496. Undergraduate Intern: Peacebuilding III. (3 Units)

Prerequisite: Consent of instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities.
Offered Infrequent

NCR 500. NCRP Skills Concepts & Tools. (3 Units)

Determining specific purpose and key issues when negotiating, resolving conflict, and building peace. Effective application when reading, writing, speaking, and listening. Questioning information, conclusions, and points of view with clarity, accuracy, precision and relevance. Thinking beyond the box with fairness and logic.

Offered Fall

NCR 503. Ethics of NCRP. (3 Units)

Prerequisite: NCR 500. Examines individual group values and perspectives in relation to negotiation, conflict resolution and peacebuilding processes, with special emphasis on analyzing third party intervener's ethical responsibilities and dilemmas. Case studies used to examine and formulate ethical approaches to critical issues.

Offered Spring

NCR 504. Theories of Conflict. (3 Units)

Prerequisite: NCR 500. Critical analysis of conflict theories and models among individuals, organizations and governments; exploring causes, functions and effects. Perspectives from anthropology, archaeology, biology, communications, economics, gender studies, geography, history,

Offered Fall

NCR 507. Sem. Res Desig/Intpret. (3 Units)

Prerequisite: NCR 500, 503 and 504. Considers various research methods to be used in negotiation, conflict resolution and peacebuilding. Covers research design and the tools needed to conduct basic independent research. Students develop a compelling research proposal addressing questions of importance to them.

Offered Spring

NCR 508. Communication and Conflict. (3 Units)

Prerequisite: NCR 500, 503 and 504. Emphasizes human communication in context of conflict. Addresses challenges to effective communication caused by interpersonal, intrapersonal, intergroup or intragroup conflict, and role of communication in resolving such conflicts. Concentrates on methods of communication most effective in dealing with differences.

Offered Fall

NCR 522. Negotiation Tactics. (3 Units)

Prerequisite: NCR 500, 503 and 504. Tactics used in negotiations among individuals, institutions, and societies. Planning and conducting personal, corporate, labor, hostage, and diplomatic negotiations. Cross-cultural, ethical, and historical dimensions.

Offered Spring

NCR 525. Mediation. (3 Units)

Prerequisites: NCR 500, 503, 504, NCR 508, and NCR 522. Theory and skills including requirements for certification under the California Dispute Resolution Programs Act, especially agreement procedures, case development, consensus building, issue framing and prioritizing, orientations toward conflict, and record keeping.

Offered Spring

NCR 527. Arbitration. (3 Units)

Prerequisites: Approval of program director. Compulsory and noncompulsory arbitration of grievances in public, private, corporate, labor, and international disputes. Case studies explore the arbitration role in unique settings.

Offered Fall

NCR 529. Conflict Res Internship. (3 Units)

Prerequisites Requires approval of program director. Students will work as interns in agencies in negotiation, conflict resolution and/ or peacebuilding, and will consult weekly with a faculty supervisor. A total of 120 hours of agency internship experience will be required to successfully complete the course. An internship for the Post-NCRP MA Certificate may not be the same as the internship used by the student for NCR 529 as part of the NCRP MA Degree Program.

Offered Infrequent

NCR 530. Online Dispute Resolution. (3 Units)

Examines cases of health care providers who may find that they are involved in disputes related to their profession. Considers potential categories of legal conflict in the health care industry from three sources of conflict: providers, payers, and producers.

Offered Fall

NCR 531. Marital & Family Mediation. (3 Units)

Prerequisite: Requires approval of program director. Separation problems in traditional and nontraditional relationships such as property division and child custody. Legal, tax, and financial aspects. The mediation process. Written and oral agreements.

Offered Fall

NCR 532. Dispute Resolution Clinic. (3 Units)

Prerequisite: Requires approval of program director. Provides a forum in which all students, staff, and faculty can creatively process and resolve conflict rather than allowing hostilities to build toward violence or adjudication. Each semester, conducts a basic mediation skills training for campus and surrounding communities.

Offered Infrequent

NCR 533. Labor Conflict. (3 Units)

Prerequisite: Requires approval of program director. Case and historical studies in selected industries. Past, present, and pending court decisions or national and state labor laws. Strategic planning for labor organizations. The process of negotiating a labor contract. Grievance and arbitration procedures.

Offered Fall

NCR 535. Organizational Conflict. (3 Units)

Prerequisite: Approval of program director. Origin and types of conflicts which arise within and between complex organizations. Positive and negative effects of Organizational conflict. Exploiting, preventing, containing, escalating, and resolving conflict.

Offered Fall

NCR 536. Dispute Resolution for Sports. (3 Units)

Prerequisite: Approval of program director. Examines sports law and dispute resolution utilizing particularly the processes of arbitration and mediation. Focuses on players, owners, agents and unions, as well as other areas of conflict such as free agency and player attitude and disloyalty.

Offered Spring

NCR 537. International NCRP. (3 Units)

Prerequisite: Approval of program director. Study of selected international conflicts involving complex issues such as culture, ethnicity, politics and religion. Considers common misconceptions concerning diplomacy. Encourages students to appreciate approaches to negotiation, conflict resolution and peacebuilding as vehicles for successful grassroots impact on peace efforts.

Offered Spring

NCR 538. Sem: Public Policy Conflict. (3 Units)

Prerequisites: NCR 504, NCR 507, NCR 508, NCR 522, NCR 525 and NCR 544. Considers constructive and timely approaches to resolving conflicts arising over use, conservation, and restoration of environment, natural resources, and public lands. Examines basic principles, mechanisms and strategies for engaging federal agencies in effective environmental conflict resolution and collaborative problem solving. Offered Spring

NCR 540. Sem: Community Conflict. (3 Units)

Prerequisite: Requires approval of program director. The impact of system dynamics on conflict management in communities from neighborhoods to nations. Implications of system dynamics for specifying goals and planning interventions to achieve them, from pre-emptive to corrective. Implications for training and organization. Offered Fall

NCR 541. Restorative Justice&Peacebldng. (3 Units)

Prerequisite: Requires approval of program director. Addresses respective needs of crime victims and offenders ignored by criminal justice system and international community. Retribution abandoned in favor of restorative model based on needs of victims, offenders and community, achieved through application of conflict resolution and peacebuilding processes. Offered Fall

NCR 542. Collaborative Law. (3 Units)

Prerequisite: Requires approval of program director. Lawyers' and clients' cooperative voluntary conflict resolution process. Emphasizes shared belief that it is in best interest of parties to avoid adversarial proceedings. Commitment to resolving differences with minimal conflict and working together to create shared solutions to the issues. Offered Spring

NCR 543. Conflict Resolution in Schools. (3 Units)

Prerequisite: Requires approval of program director. Practical strategies to teach students to be peacemakers to reduce violence in schools. Discusses how schools can create cooperative learning environment where students learn how to negotiate and mediate peer conflicts and teachers use academic controversies to enhance learning. Offered Fall

NCR 544. ADR Processes. (3 Units)

Prerequisites: NCR 500, NCR 503 and NCR 504. Surveys a variety of process choices in dispute resolution. Recognizing that litigation may not be appropriate in many cases. Course examines alternatives such as negotiation, mini-trial, mediation, panel evaluation, summary jury trial, private judging, arbitration, and use of special masters. Offered Spring

NCR 545. Intercultural Conflict. (3 Units)

Prerequisite: Requires approval of program director. Presents overview of intercultural communication negotiation and conflict resolution. Emphasizes understanding of values of intercultural as well as interreligious diversity in our increasingly interdependent world, nation and local communities. Encourages awareness of cultural perspective and socialization. Offered Fall

NCR 546. Conflict and the Media. (3 Units)

Prerequisite: Requires approval program director. Examines the role of mass media in conflict resolution and peacebuilding, and its influence on world's most intractable conflicts as well as support of peace initiatives. Considers how media can serve as part of the problem or part of the solution. Offered Infrequent

NCR 547. Negotiation International Ethnic Conflict. (3 Units)

Examines basic considerations regarding negotiating ethnic conflict that present a challenge to those involved in negotiation, conflict resolution and peacebuilding. Explores relevance of negotiation theory to improvement, mangement, and resolution of these disputes by studying selected international conflicts. Offered Fall, Spring

NCR 548. Health Care Dispute Resolution. (3 Units)

Prerequisite: 6 units in LD Philosophy or department consent. An introduction to philosophical methods, research and dialogue in order to improve students' skills at writing and analysis. Topics to be covered will address some central area or areas of philosophy and will vary from year to year. Offered Spring

NCR 549. Critical Peacebuilding. (3 Units)

Considers the many and profound interconnections between conflict, development and peace. Examines high levels of violent protracted conflict and inexcusable and rising levels of poverty and inequality - two phenomena that are often found together intermingling in complex ways. Offered Fall

NCR 591. Seminar: NCR Capstone Course. (3 Units)

Prerequisites: All required and elective courses. Course is designed to enable students to demonstrate integration of knowledge of the field and critical and independent thinking. Preparation and delivery (oral and written) of culminating event under supervision of instructor. Faculty approval of written portfolio and successful oral defense required for graduation. CR grade insufficient by itself. CR/NC grading. Repeatable for six units. Offered Spring

NCR 594. Independent Study. (1-4 Units)

Prerequisites: Consent of Department Chair. Independent study undertaken under the supervision of a faculty member. Repeatable course. Offered As needed

NCR 595. Special Topics. (1-3 Units)

Prerequisite: Requires approval of program director. Study of a current topic in Negotiation, Conflict Resolution and Peacebuilding. Repeatable for total of six units. Offered Fall, Spring

NCR 597. Directed Reading in Negotiation, Conflict Resolution and Peacebuilding. (3 Units)

In consultation with a faculty member, completion of readings for orientation to a little known topic; or as background for writing a thesis proposal (the concept for which has previously been approved by the NCR program director). CR/NC grading. Repeatable for a total of six units. Offered Fall, Spring

NCR 598. Directed Research. (3 Units)

Prerequisites: Requires approval of program director. Conduct of pilot studies, development of research instruments, or similar independent research in preparation for the thesis, under the supervision of a faculty member in any area of Negotiation, Conflict Resolution and Peacebuilding. CR/NC grading. Offered Fall, Spring

NCR 599. Thesis or Project. (1-3 Units)

Prerequisites: Requires approval of program director. In consultation with a faculty member, writing of a master's thesis in Negotiation, Conflict Resolution and Peacebuilding that has previously been approved by the NCR program director. Then, if thesis approved by faculty and oral defense successful, three units replace NCR 591 as culminating event. CR grade insufficient by itself. Choice of area requires prior approval of NCR program director. CR/NC grading.

Offered Fall, Spring

NCR 600S. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their culminating event or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program director required.

Offered Fall, Spring

Nursing - Graduate (MSN)

MSN 502. Advanced Nursing Roles. (3 Units)

Introduces competencies and other foundational components of advanced nursing practices such as history, roles, options and choices that are associated with career development and professional practice. Aspects of advanced practice include the impact upon various roles of uses of technology, evidence-based decision making, organizational leadership, systems change, collaboration and outcomes evaluation.

Offered Fall, Spring, Summer

MSN 513. Healthcare Policy/Economics. (3 Units)

Prerequisite: MSN 502 is recommended. Online course exploring Healthcare Policy/Economics and public policy making at the state, national and international levels as it relates to the current healthcare and economic environment. Evidence-based strategies and policy models will be introduced to apply the policy making process.

Offered Fall, Spring, Summer

MSN 514. Health Promotion and Disease Prevention. (3 Units)

Prerequisite: MSN 502 is recommended. Examines traditional and alternative theoretical and conceptual bases of wellness from the perspective of nursing and health. Focuses on assessment, diagnosis, intervention and outcome evaluation of wellness and disease prevention needs and issues encountered in advanced nursing roles.

Offered Fall, Spring, Summer

MSN 521. Advanced Health Assessment. (2 Units)

Prerequisite: MSN 502 is recommended. Co-requisite: MSN 522 is required. Examines theoretical knowledge to perform a comprehensive health history and advanced health assessment. Analysis and synthesis of subjective and objective data to identify health problems and develop management plans. Health promotion risk factor identification and recognition of common abnormalities explored.

Offered All terms, Fall, Spring, Summer

MSN 522. Advanced Health Assessment Lab. (1 Units)

Prerequisite: MSN 502 is recommended. Co-requisite: MSN 521 is required. Application of advanced physical assessment skills and knowledge necessary to perform a comprehensive health assessment. Hands-on supervised skills workshop integrates systematic assessment principles, appropriate health assessment techniques, guidelines and considerations for patients across the lifespan.

Offered All terms, Fall, Spring, Summer

MSN 523. Family Assessment: Theory and Practice. (3 Units)

Prerequisites: MSN core courses; MSN 526, 527 and 528 can be taken concurrently with instructor permission; Corequisite: MSN 541 for PC Role Option Students only. Focuses on the theoretical underpinnings specific to the biopsychosocial and developmental aspects of the family during the childbearing and child rearing years. Examines the conceptual basis of advanced practice nursing within the context of family assessment, interventions and strategies. Places emphasis on the family unit within a culturally diverse environment.

Offered Fall

MSN 526. Pharmacology. (3 Units)

Prerequisites: MSN 502 is recommended or permission of Director. Examines theoretical basis for pharmacological treatment of common health problems. Discusses selected classification of drugs with emphasis on pharmacokinetic principles, pathophysiological basis for therapeutic use, adverse effects, drug interactions, contraindications for use, patient education and issue of compliance.

Offered Fall, Spring, Summer

MSN 528. Advanced Pathophysiology. (3 Units)

Prerequisite: Upper-division undergraduate Pathophysiology course. Focuses on application of advanced knowledge of the complex physiological functions and pathophysiological processes related to the care of individuals with health care problems. Discusses alterations in function, and adaptive, integrative and regulatory mechanisms at the molecular, cellular, organ and system levels.

Offered Fall, Spring, Summer

MSN 529. Nurse Educator: Curriculum and Teaching. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 559 is recommended. Prepares the student for the nursing role of educator in a variety of academic and community settings. Analyzes and synthesizes curriculum development and teaching/learning strategies. Develops curriculum and teaching strategies using current nursing and education theory and research designed to meet the needs of diverse learners.

Offered Infrequent

MSN 530. Research Utilization in Advanced Nursing Practice. (3 Units)

Prerequisite: MSN 502 is recommended. Prepares the nurse to critique and apply research findings in nursing practice. Critical thinking is related to problem identification, assessment of data, and outcome evaluation. Research methodologies, including qualitative and quantitative approaches, are examined and related to nursing informatics.

Offered Fall, Spring

MSN 531. Nursing Ethics. (3 Units)

Prerequisite: MSN 502 is recommended. Examines the theoretical and conceptual bases of ethics from a nursing perspective, including the moral development of nurses. Focuses on analysis, synthesis and resolution of ethical issues encountered in advanced practice nursing. Uses critical thinking to explore ethical relationships involved in delivering health care to diverse populations.

Offered Fall, Spring, Summer

MSN 532. Nurse Administrator: Societal Institutions. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 560 is recommended. Examines the advanced role of the nurse administrator within the context of health care organizations, scientific enterprises, government and industry. Investigates current developments in the health care delivery system, including system management. Emphasizes the nurse administrator's leadership in providing health care to diverse populations by diverse providers within multi-level care settings.

Offered Infrequent

MSN 533. Theoretical Aspects of Aging. (3 Units)

Prerequisites: MSN 502 is required. Corequisite: MSN 549 is required for for CNS Adult-Gerontology Role Option students only. Provides comprehensive information on the aging population. Covers normal and abnormal aging changes. The components of Geriatric Syndromes are identified. Learners explore clinical assessment tools, standards of care and client outcomes, including palliative and end-of-life care.
Offered Spring

MSN 535. Clinical Management and Differential Diagnosis of Adult Acute Health Problems. (3 Units)

Prerequisites: MSN 550 and MSN 547 are required. Co-requisite: MSN 548 is required. Focuses on clinical decision making in advance practice nursing. Students will learn the application of critical thinking and clinical judgment to differentiate diagnosis and management of common acute care problems in the acute and critically ill adult patient.
Offered All terms, Spring

MSN 536. Advanced Neonatal Nursing I. (2 Units)

Prerequisites: MSN 521, MSN 522, MSN 526, and MSN 528 are required. Co-requisite: MSN 548 is recommended. Advanced nursing management of well and ill neonates focusing on health promotion and maintenance. Evidence-based strategies for anticipatory planning, screening, support of development, and family-centered care will be explored. Covers symptom management and reviews common medications of the neonate.
Offered All terms, Spring

MSN 537. Advanced Neonatal Nursing II. (4 Units)

Prerequisites: MSN 521, MSN 522 MSN 526 and MSN 528 are required. Co-Requisite: MSN 548 is recommended. Advanced nursing management of well and ill neonates focusing on health promotion and maintenance. Evidence-based strategies for anticipatory planning, screening, support of development, and family-centered care will be explored. Covers symptom management and reviews common medications for the neonate.
Offered All terms, Fall

MSN 538. Nurse Administrator: Resource Management. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 570 is recommended. Examines the advanced role of the nurse administrator within the context of resource management. Investigates current developments in health care delivery, including financial management, labor relations, and human resource management. Emphasizes leadership development within multi-level care settings.
Offered Fall, Spring

MSN 539. Nurse Educator: Testing and Evaluation. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 569 is recommended. Prepares the student for the nursing role of educator in a variety of academic and community settings. Analyzes and synthesizes testing and evaluation strategies. Examines current topics and issues related to student assessment and evaluation of learning outcomes using nursing and education theory and research designed to meet the needs of diverse learners.
Offered Fall, Spring

MSN 540. Clinical Management of Acute Pediatric Health Problems. (4 Units)

Prerequisite: MSN 550 Emphasis on advanced practice nurse clinical decision making for pediatric patients. Student will learn the application of critical thinking and clinical judgment to develop differential diagnoses and manage common problems in the acute and critically ill pediatric patient.
Offered Fall

MSN 547. Clinical Nurse Specialist Role Performance I. (3 Units)

Prerequisites: MSN 502, MSN 513, MSN 514, MSN 521, MSN 522, MSN 526, MSN 528, MSN 530 and MSN 531 are required. 144 hour practicum to apply theories for execution of CNS role in clinical settings with a specialty/population focus. Under supervision, the student is provided opportunities for role socialization, exploration of CNS responsibilities, and development of novice competencies. CR/NC grading only.
Offered Fall

MSN 548. Clinical Nurse Specialist Role Performance II. (4 Units)

Prerequisites: MSN 550 and MSN 547 are required. MSN 513, MSN 514, MSN 526 and MSN 531 are recommended. Corequisites: MSN 523 or MSN 535 is required. This 144 Hour practicum requires the application of evidence based practice and education principles in the clinical setting. Students will focus on health problems commonly encountered in the population of focus. CR/NC grading only.
Offered Spring

MSN 549. Clinical Nurse Specialist Role Performance III. (3 Units)

Prerequisites: MSN 547, MSN 548, and MSN 550 are required. This 144 hour practicum focuses on the CNS role in managing clinical outcomes. Students will provide consultation and wellness services, explore clinical concerns at the organizational level, and prepare for professional practice as a CNS.
Offered Fall

MSN 550. Theoretical Foundations of Clinical Nurse Specialist Practice. (3 Units)

Prerequisites: MSN 502, MSN 513, MSN 514, MSN 521, MSN 522, MSN 526, MSN 528, MSN 530, and MSN 531 are required. Co-requisite: MSN 547 is required. A conceptual basis of advanced nursing practice for the Clinical Nurse Specialist (CNS) role is established. Students will learn CNS practice models, family theories, leadership theories, decision-making models, organizational theories, change management, care coordination and management of transitions care.
Offered All terms, Fall

MSN 554. Applied Nursing Science VI. (2 Units)

Co-requisite: MSN 553 is required. Focuses on providing evidence-based, culturally competent nursing care for children and their families. Requires 96 hours of supervised practice in skills lab, and pediatric and community clinical settings.
Offered Infrequent

MSN 555. Quality Improvement in Health Care. (3 Units)

Prerequisite: MSN 502 is recommended. Explores the historical evolution of quality initiatives in health care and defines current concepts in quality assessment and improvement. Emphasizes organizational performance, outcomes assessment, management and effectiveness, and the role of the advanced practice nurse.
Offered Fall, Spring

MSN 556. Primary Care of the Family I. (4 Units)

Prerequisite: MSN 526, MSN 527 or permission of Director. Concurrent enrollment in MSN 558 is recommended. Examines theoretical basis for pharmacological treatment of common health problems. Emphasis will be placed on comprehensive assessment and management of common acute health problems seen in the care of clients across the life span.
Offered Fall, Spring, Summer

MSN 558. FNP: Role Perform I. (3 Units)

Corequisite: MSN 556 is recommended. Emphasizes comprehensive assessment and management of common acute health problems seen in the primary care of clients across the life span. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and an individual preceptor. CR/NC grading.

Offered Fall

MSN 559. Nurse Educator: Role Performance I. (3 Units)

Prerequisite: MSN 502. Corequisite: MSN 529 is recommended. Provides the opportunity for implementing the nurse educator role in an education or health care setting. Applies curriculum development and didactic and clinical teaching/learning concepts and strategies, under supervision by the instructor and a preceptor. Requires 144 hours of practice in teaching. CR/NC grading.

Offered Infrequent

MSN 560. Nurse Administrator: Role Performance I. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 532 is recommended. Provides the opportunity to implement the nurse administrator role in a selected health care setting by focusing on forces shaping the role of the departmental nurse leader and institutional governance. Applies valid and reliable measures of evaluation to organizational and nurse administrator performance, under supervision by the instructor and a preceptor.

Requires 144 hours of practice in administration. CR/NC grading.

Offered Infrequent

MSN 561. Primary Care of the Family II: Pediatric Health. (2 Units)

Prerequisites: MSN 556 and MSN 558 are required. Co-requisites: MSN 568 or MSN 548 is required. Theoretical and conceptual basis for advanced practice nurses focusing on children, newborn through adolescence. Emphasis on assessment, diagnosis, and management of common age-related wellness and acute health conditions seen in pediatric settings. Culturally sensitive health promotion and maintenance of children.

Offered All terms, Spring

MSN 562. Primary Care of the Family II: Women's/Gender Health. (2 Units)

Prerequisites: MSN 556 and MSN 558 are required. Co-requisite: MSN 568 is required. Theoretical and conceptual basis for advanced practice nursing diagnosis and management of common and acute gender-related health conditions. Male and female reproductive health, pregnancy, contraception, infertility, menopause and sexuality will be explored, including culturally sensitive health promotion and maintenance.

Offered All terms, Spring

MSN 565. Pathopharmacology for Nurse Educators. (3 Units)

Integrates advanced pathophysiology with pharmacotherapeutics for nurse educators, enhancing knowledge and skills of pharmacodynamics and pharmacokinetics as they relate to pathophysiological processes in each body system.

Offered Fall

MSN 568. Family Nurse Practitioner: Role Performance II. (3 Units)

Prerequisites: MSN 556 and MSN 558. Corequisite: MSN 566 is recommended. Emphasizes comprehensive assessment and management of common acute health problems seen in women and children. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Includes reproduction, pregnancy, contraception, growth and development, as well as health promotion and health maintenance for women and children. Requires 144 hours of clinical practice under supervision by a faculty instructor and individual preceptor. CR/NC grading.

Offered Spring

MSN 569. Nurse Educator: Role Performance II. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 539 is recommended. Provides the opportunity for implementing the nurse educator role in an education or health care setting. Applies assessment and evaluation concepts and strategies in didactic and clinical teaching/learning situations, under supervision by the instructor and a preceptor. Requires 144 hours of practice in teaching. CR/NC grading.

Offered Spring

MSN 570. Nurse Administrator: Role Performance II. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 538 is recommended. Provides the opportunity to implement the nurse administrator role in a selected health care setting according to professional and regulatory requirements. Focuses on formulating a nursing service plan for integrating quality measures with cost control and case management practice, under supervision by the instructor and a preceptor. Requires 144 hours of practice in administration. CR/NC grading.

Offered Infrequent

MSN 576. Primary Care of the Family III. (4 Units)

Prerequisite: MSN 566, MSN 567 or permission of Director. Corequisite: MSN 578 is recommended. Examines theoretical and conceptual basis for advanced practice as Family Nurse Practitioner. Emphasis is on comprehensive assessment and management of increasingly complex acute and chronic health problems across the life span for culturally diverse individuals and families.

Offered Fall, Spring, Summer

MSN 578. Family Nurse Practitioner: Role Performance III. (3 Units)

Prerequisites: MSN 566 and MSN 568. Corequisite: MSN 576 is recommended. Emphasizes growth in independent practice in providing comprehensive assessment and management of common chronic health problems seen in the primary care of clients across the life span. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and an individual preceptor. CR/NC grading.

Offered Infrequent

MSN 583. Clinical Nurse Leader Role Performance II. (3 Units)

Prerequisite: MSN 580 and MSN 581 are required. Co-requisite: MSN 582 is required. Restricted to majors. Focuses on implementation of the CNL role in a selected healthcare microsystem. In this 150 hour clinical experience, the student will develop expertise in clinical leadership with a focus on aggregates. With guidance from a nurse preceptor, students will implement strategies to address identified problems requiring quality improvement, risk reduction and patient safety management. CR/NC grading.

Offered All terms, Summer

MSN 588. Family Nurse Practitioner: Role Performance IV. (3 Units)

Prerequisites: MSN 576 and MSN 578. Provides an opportunity to integrate evidence based research into clinical evaluation and implementation of primary health care of clients across the life span. Emphasizes evaluation of the impact of community, cultural, socioeconomic, and psychosocial factors on the health care needs of individuals and families within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and individual preceptor. CR/NC grading.

Offered Spring

MSN 594. Independent Study. (1-3 Units)

A course of study designed cooperatively by student and instructor, and approved by the Director, to accomplish individualized learning objectives that are appropriate to the role of the professional nurse. (Students should contact their advisor prior to enrolling to determine the appropriateness of this course for degree completion.)

Offered As needed

MSN 595. Special Topics/Colloquia. (1-3 Units)

This course offers student groups an opportunity to explore a topic of current interest to the nursing profession with colleagues, faculty and special guest speakers.

Offered As needed

MSN 600. Project Continuation Course. (1 Units)

Students who have not completed their culminating experience by the end of the term may enroll in the following term to maintain continuous enrollment.

Offered Fall, Spring

Nursing - Undergraduate (BSN)

BSN 302. Concepts of Professional Nursing Practice. (3 Units)

Focuses on concepts essential to the baccalaureate prepared nurse for socialization into the full professional role. Incorporates The Essentials of Educated Baccalaureate Education for Professional Nursing Practice (2008). Content areas include returning to school and role development, historical nursing influences, nursing theory, ethical practice, quality practice, accountability and professional nursing issues/trends.

Offered Fall, Spring, Summer

BSN 306. Cult Diversity Healthcare. (3 Units)

Applies cultural concepts and models to explore various forms of human diversity. Analyzes how cultural diversity affects health beliefs, health care behaviors, and health/illness dynamics. Discusses ethnocentrism and bias and their impact on health care. Helps to build cultural competence and improve health care delivery.

Offered Fall, Spring, Summer

BSN 346. Human Pathophysiology. (3 Units)

Recommended Prerequisite: BSN 302. Explores the response of the human body to various disease processes. Examines the rationale behind diagnosis and treatment of illness and injury. Contrasts the environmental and genetic components that contribute to health/illness. Emphasizes research advances in genetics and biomedical sciences, especially related to HIV/AIDS and quality of life.

Offered Fall, Spring, Summer

BSN 381. Hlth Assess Skills Seminar. (1 Units)

Prerequisite: BSN 346 is recommended. Provides the opportunity for application of basic knowledge and the practice of skills related to performing a complete nursing health assessment of pediatric, adult, and geriatric patients. Requires 16 hours of practice in a clinical laboratory. CR/NC grading.

Offered Fall, Spring, Summer

BSN 382. Health Assessment. (2 Units)

Recommended Prerequisite: BSN 346. Recommended Co-requisite: BSN 381. Students examine the theoretical knowledge and psycho-motor skills necessary to perform a comprehensive health history and physical examination on the pediatric, adult, and geriatric patient.

Offered Fall, Spring, Summer

BSN 422. Community-Based Nursing. (3 Units)

Prerequisites: BSN 302, BSN 346, BSN 381, and BSN 400 or concurrent enrollment are required. Co-requisite: BSN 423 is recommended. Explores dimensions of community-based nursing from individual/family health to community's overall health levels. Explores nursing scopes and responsibilities in healthy promotion and education, disease prevention, and risk reduction. Examines how epidemiological and evidence-based practice principles may be applied in order to assess, plan, implement, and evaluate community-based nursing interventions.

Offered Fall, Spring, Summer

BSN 423. Community-Based Nursing Role Performance. (2 Units)

Prerequisites: BSN 302, BSN 346, BSN 381, BSN 400 and BSN 422 (or concurrent enrollment) are required. Provides an opportunity for application of the knowledge and the skills of the community-based nurse in a community setting. Requires 90 hours of clinical practice with a preceptor for the Public Health Nurse Certificate.

Offered Fall, Spring, Summer

BSN 452. Management and Leadership in Health Care Systems. (3 Units)

Required Prerequisite: BSN 302. Recommended Prerequisite: BSN 460. Introduces concepts of leadership, management, advocacy and roles of the professional nurse in relation to career planning, organizational and system-wide change. Topics include professionalism, ethics, power, quality, safety, inter-professional collaboration, change, group dynamics, finance, technology, and strategic planning.

Offered Fall, Spring, Summer

BSN 460. Nursing Research Utilization. (3 Units)

Prerequisite: BSN 405 may be taken concurrently. Examines scientific clinical nursing rationale for research utilization and theory-based practice. Presents concepts of research methods and processes. Analyzes relevant nursing problems for clinical effective practice.

Offered Fall, Spring, Summer

BSN 494. Independent Study. (1-3 Units)

A course of study designed cooperatively by student and instructor, and approved by the Program Director, to accomplish individualized learning objectives that are appropriate to the role of the professional nurse. (Students should contact their advisor prior to enrolling to determine the appropriateness of this course for degree completion.)

Offered Fall, Spring, Summer

BSN 495. Special Topics/Colloquia. (1-3 Units)

These courses offer student groups an opportunity to explore a topic of current interest to the nursing profession with colleagues, faculty and special guest speakers.

Offered Fall, Spring, Summer

Occupational Therapy (OTR)

OTR 205. OT Act Across the Life Span. (0 Units)

Offered Infrequent

OTR 206. Human Growth and Development. (0 Units)

Offered Infrequent

OTR 295. Spec Top in Occup. Therapy. (0 Units)

Offered Infrequent

OTR 301A. Individual & Group Skills. (0 Units)

Offered Infrequent

OTR 314. Conditions of Human Dysfunc.. (0 Units)

Offered Infrequent

OTR 317L. Neuroanatomy & Physiology Lab. (0 Units)

Offered Infrequent

OTR 319A. Evaluation & Interpretation. (0 Units)

Offered Infrequent

OTR 320A. Theory & Application I. (0 Units)

Offered Infrequent

OTR 410. Introduction to the Scope of Practice and Conceptual Foundations of Occupational Therapy. (2 Units)

Overview of the complex scope, philosophical foundation, history, practice areas, professional and ethical roles and responsibilities, models of practice, service deliver, professional development, and career growth in occupational therapy. Also explores client populations across the lifespan in various practice settings.

Offered Spring, Summer

OTR 414. Human Dysfunction II. (0 Units)

Offered Infrequent

OTR 422A. Theory & Application II. (0 Units)

Offered Infrequent

OTR 424A. Theory & Application III. (0 Units)

Offered Infrequent

OTR 430S. Practicum & Seminar I. (0 Units)

Offered Infrequent

OTR 432S. Practicum & Seminar II. (0 Units)

Offered Infrequent

OTR 480S. Field Work II Experience I. (0 Units)

Offered Fall, Spring, Summer

OTR 482S. Field Work II Experience II. (0 Units)

Offered Fall, Spring, Summer

OTR 495. Special Topics in Occupational Therapy. (1-3 Units)

Prerequisite: Consent of instructor and additional course prerequisites depending on topic. Special interest topics related to Occupational Therapy. Content will vary as announced. Repeatable course.

Offered All terms, As needed

OTR 500. Person-Environment-Occupation. (2 Units)

Co-requisites: OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512. Emphasizes the importance of occupational engagement to health and the relationship that exists between individuals, occupations and environments. Students will be challenged to explore the person-environment-occupation model centered on persons and the occupations they fulfill within their everyday environment.

Offered Spring

OTR 502. History of Occupation. (2 Units)

Co-requisites: OTR 500, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512. A historical survey of the development of the profession and the study of the occupational nature of human beings. Review of how leaders of the profession have articulated occupation and the therapeutic applications across time.

Offered Spring

OTR 504. Activities Across the Lifespan. (3 Units)

Co-requisites: OTR 500, OTR 502, OTR 506, OTR 508, OTR 510, and OTR 512. Introduction to how activities used as meaningful occupations can be used as therapeutic interventions. Individual and group experience with media and how to identify, analyze and adapt activities for their potential as treatment modalities is emphasized.

Offered Spring

OTR 506. Interactive Reasoning. (3 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 508, OTR 510, and OTR 512. Introduction to the historical, theoretical underpinnings and application of group work to populations spanning the lifespan.

Offered Spring

OTR 508. Professional Development Seminar - Portfolio I: Introduction to E-Portfolio. (1 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 510, and OTR 512 are required. Introduces process of professional portfolio development; orients students to the steps toward portfolio completion; introduces critical thinking and reflective learning methods; provides students with experiences in self-directed learning; reviews the development of a research proposal in planning research.

Offered Spring

OTR 510. Introduction to Frameworks for Occupational Therapy Practice. (2 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 512. Introduction to fundamental theoretical concepts of occupational therapy practice; philosophy; terminology; professional roles delineation; ethics; scope and models of practice.

Offered Spring

OTR 512. Human Anatomy. (3 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510 or Admission to OTD program. Advanced study of human body by means of review of Web based materials specific to dissection and identification of select specimens and structures of the body.

Offered Spring

OTR 515. Occupation Across the Lifespan I: Adolescence. (3 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530. Explores development of activity patterns associated with adolescent occupational choice, roles, routines, habit formation and attributed meaning. Focus is on adolescent development and life transition.

Offered Summer

OTR 517. Assessments in Occupational Therapy Practice: Adolescence. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512 or OTD student group. Co-requisites: OTR 515, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530. Focuses on OT clinical evaluation with the adolescent population. Students will develop clinical reasoning and skill to select and administer standardized and non-standardized interview, observational, self-report and assessment tools in the processes of referral, screening, evaluation and documentation.

Offered Summer

OTR 519. Interventions in Occupational Therapy Practice - Adolescence. (2 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512 or OTD student group. Focus on OT clinical interventions with the adolescent population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning and documentation.

Offered Summer

OTR 521. Conditions Affecting Health I - Adolescents. (2 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530. Theoretical approaches and models of practice commonly used with this population will be discussed in association with conditions that affect adolescents' ability to engage in meaningful occupations common to this development level.

Offered Summer

OTR 523. Case Seminar I - Adolescent. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512, Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 525, OTR 527, OTR 529, OTR 530. Seminar format to provide opportunities for students to hear first-hand occupational profiles and personal narratives of adolescents and their families as they are engaged in discussions of issues relative to problems in domains of occupational engagement.

Offered Summer

OTR 525. OT Research I - Qualitative Research Methods for Health Professionals. (2 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512 are required. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 527, OTR 529, and OTR 530 are required. Explores the role of qualitative research in developing a deeper understanding of client populations and the development of theory in occupational therapy. Research design, data collection strategies, and methods of analysis will be discussed.

Offered Summer

OTR 527. Foundations of Kinesiology for Occupational Therapy. (4 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512 or OTD student group. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 529, OTR 530. The course consists of lectures, activity analyses, and case studies designed to provide students with diverse opportunities to integrate key concepts of kinesiology into an understanding of how movement and loss of movements may impact performance of complex, everyday occupations.

Offered Fall, Summer

OTR 529. Fieldwork I Adolescents. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 530. Fieldwork offers on-site clinical experiences with populations commonly served in OT practice settings for adolescent. Clinical experiences support co-requisite coursework and will rely on first semester course materials.

Offered Summer

OTR 530. Professional Development Seminar - Portfolio II: Ethics. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512 are required. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, and OTR 529 are required.

Introduction to ethics theory and principles as applied to common occupational therapy clinical situations and opportunities to analyze and solve ethical dilemmas. Overview of legal principles that may impact ethical decision-making.

Offered Summer

OTR 535. Conditions Affecting Health I - Adolescents. (3 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530. Co-requisites: OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, OTR 552. Provides the theoretical foundations and frames of reference to understand pediatric populations and their family's occupations. Explores the developmental impact of contexts, family, and child factors that promote or limit engagement in occupations and co-occupations from infancy through school age.

Offered Fall

OTR 537. Assessments in Occupational Therapy Practice: Pediatrics. (2 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530 or OTD Student Group. Co-requisites: OTR 535, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, OTR 552 or OTD Student Group. Focuses on OT clinical evaluation with the pediatric population. Students will develop clinical reasoning and skill to select and administer standardized and non-standardized interview, observational, self-report and assessment tools in the processes of referral, screening, evaluation and documentation.

Offered Fall

OTR 539. Interventions in Occupational Therapy Practice - Pediatrics. (2 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530 or OTD Student Group. Focuses on OT clinical interventions with the pediatric population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning, and documentation.

Offered Fall

OTR 541. Conditions Affecting Health II - Pediatrics. (2 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, 530. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 543, OTR 547, OTR 550, OTR 552. The application of knowledge of at-risk and diagnostic conditions to the occupational performance of children and their families. The role of genetics, body structures, functions, and the environment in the presence of developmental issues from conception through adolescence will be addressed.

Offered Fall

OTR 543. Case Seminar II Pediatrics. (1 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 547, OTR 550, OTR 552. Seminar provides opportunities for students to hear first-hand from families and children with special needs and discuss issues relative to diagnosis, occupational therapy assessment and interventions, service delivery, as well as the contexts in which children and their families participate.

Offered Fall

OTR 545. OT Research II - Quantitative Research Methods for Health Professions. (3 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 552, OTR 547, and OTR 550 are required. Co-requisites: OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563, and OTR 571 are required. A review of clinical research methodology and designs with emphasis on interpreting and utilizing research results and the impact of research on evidence-based practice in occupational therapy. Students will develop feasible research proposals related to occupational therapy practice.

Offered Spring

OTR 547. Neurological Foundations of Oc. (5 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530 or OTD student group. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 550, and OTR 552. Foundational knowledge of how the human nervous system serves as the foundation for occupational choice and occupational engagement. Designed to provide opportunities to learn the structures and functional organization of the nervous system related to the performance of everyday occupations.

Offered Fall, Spring

OTR 550. Level I Fieldwork - Pediatrics. (1 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, and OTR 552. Fieldwork offers on-site clinical experiences with populations commonly served in OT practice settings with infants and toddlers. Clinical experiences support co-requisite coursework and will rely on first semester course materials.

Offered Fall

OTR 552. Professional Development Seminar - Portfolio III: Qualitative Research Project. (1 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and 530 are required. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, and OTR 550 are required.

Independent and self-reflective learning fundamental to competent practice. Students mentored in completion of portfolio process including the development and approval of the learning contract, the role of a proposal in guiding activities, and selection of activities for the portfolio.

Offered Fall

OTR 553. Professional Development Seminar - Portfolio IV: Evidence-Based Practice in Occupational Therapy. (1 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552 are required. Co-requisites: OTR 545, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571 are required. Portfolio IV links student interests with coursework and the understanding of the concept of Evidence-Based Rehabilitation as applied to occupational therapy practice. Simultaneously, the student is mentored through planned learning activities and the development of an evidence-based research paper.

Offered Spring

OTR 554. Professional Development Seminar - Portfolio V: Quantitative Research Project. (1 Units)

Prerequisites: OTR 553, OTR 545, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563, and OTR 571 are required; Co-requisites: OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583 and OTR 591 are required. Portfolio V involves completion of a quantitative research project as part of the professional development portfolio. The course also provides an opportunity to present written and oral summary of completed portfolio activities and research papers to faculty and students.

Offered Summer

OTR 555. Occupation Across the Lifespan III - Adult. (3 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Provides the theoretical foundations and frames of reference to understand adult populations and their families occupations. Explores the impact of contexts, family, and other factors that promote or limit engagement in occupations and co-occupations of adult populations.

Offered Spring

OTR 557. Assessments in Occupational Therapy Practice: Adult. (2 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552 or OTD student group. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 559, OTR 561, OTR 563 and OTR 571. Development of skills of assessment and evaluation of occupational performance in the context of current frames of reference, and the exploration of the impact that physical and psychosocial dysfunction can have on performance roles, tasks, and activities of adulthood.

Offered Spring

OTR 559. Interventions in Occupational Therapy Practice: Adult. (2 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552 or OTD student group. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 561, OTR 563 and OTR 571. Focuses on OT clinical interventions with the adult population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning and documentation.

Offered Spring

OTR 561. Conditions Affecting Health III - Adults. (2 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 563 and OTR 571. A professional course that focuses on common occupational performance dysfunctions secondary to medical, biophysical, and psychosocial conditions in adults 18-55 years old.

Offered Spring

OTR 563. Case Seminar III Adult. (1 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561 and OTR 571. Seminar format to provide opportunities for students to hear first-hand the life stories of adults living with disabilities acquired through illness, disability or trauma.

Offered Spring

OTR 567. Administration & Management in Occupational Therapy. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 569 OTR 575, OTR 577, OTR 579, OTR 581, OTR 583, OTR 591. Presentation and discussion of current concepts and trends in the administration and management in occupational therapy practice. Challenges students to explore the various facets of occupational therapy management in a constantly changing health care environment.

Offered Summer

OTR 569. Adaptive & Assistive Tech. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583, OTR 591. RESNA technology competencies for occupational therapists, state and federal laws effecting availability or acquisition of assistive technology, assessments used in evaluation for technology prescription, seating and wheelchair measurements, computer input devices, augmentative communication, environmental controls, use of universal design.

Offered Summer

OTR 571. Level I Fieldwork - Adults. (1 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561 and OTR 563. Offers on-site clinical experiences with populations commonly served in OT practice settings with adult clients. Clinical experiences support co-requisite coursework and will rely on first semester course materials.

Offered Spring

OTR 575. Occupation Across the Lifespan IV - Geriatrics. (3 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 577, OTR 579, OTR 581, OTR 583, and OTR 591. Focused on theoretical foundations of occupational therapy used in working with the geriatric population. Explores the value and meaning of occupation to the health and well being of elderly and frail elderly adults within cultural and temporal contexts.

Offered Summer

OTR 577. Assessments in Occupational Therapy Practice: Geriatrics. (1 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571 or OTD student group. Co-requisites: OTR 554, OTR 567, 569, OTR 575, OTR 579, OTR 581, OTR 583, and OTR 591. Focuses on OT clinical evaluation with the geriatric population. Students will develop clinical reasoning and skill to select and administer standardized and non-standardized interview, observational, self-report and assessment tools in the processes of referral, screening, evaluation and documentation.

Offered Summer

OTR 579. Interventions in Occupational Therapy Practice: Geriatrics. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571 or OTD Student Group. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 581, OTR 583, and OTR 591. Focuses on OT clinical interventions with the geriatric population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning and documentation.

Offered Summer

OTR 581. Conditions Affecting Health IV - Geriatrics. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 583, and OTR 591. A professional course focused on common occupational performance dysfunctions secondary to medical, biophysical, and psychosocial conditions in the elderly and frail elderly adult (older than 55 and 85 years respectively).

Offered Summer

OTR 583. Case Seminar IV Geriatrics. (1 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 583, and OTR 591. Life narratives of elders and frail elders and their family members will be facilitated to engage in discussions on issues relative to their personal life situations, occupational history and profile.

Offered Summer

OTR 591. Level I Fieldwork - Geriatrics. (1 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 583, and OTR 591. Fieldwork offers on-site clinical experiences with populations commonly served in OT practice settings with elderly clients. Clinical experiences support co-requisite coursework and will rely on first semester course materials.

Offered Summer

OTR 592. Fieldwork II A. (9 Units)

Prerequisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583, OTR 591. Completion of 12 weeks or approximately 480 hours of supervised Fieldwork Level II practicum in a community or clinical setting. Documentation of client evaluations, progress notes, and reports as well as provision of resources and delivery of OT services will be explored. CR/NC grading.

Offered Fall, Spring, Summer

OTR 593. Fieldwork II B. (9 Units)

Prerequisite: OTR 592. Completion of 12 weeks or approximately 480 hours of supervised Fieldwork Level II practicum in a community or clinical setting. Documentation of client evaluations, progress notes, and reports as well as provision of resources and delivery of OT services will be explored. CR/NC grading.

Offered Fall, Spring, Summer

OTR 595. Advanced Special Topics in Occupational Therapy. (1-3 Units)

Prerequisites: Consent of instructor and possible course prerequisites depending on topic. Advanced course of special interest in Occupational Therapy. Topic and content will vary as announced. Repeatable course.

Offered As needed

OTR 596. Graduate Internship. (1-4 Units)

Prerequisite: Completion of one International FW I rotation in MSOT; membership in ICOT; department chair approval. Supervised internship, in the occupational therapy, with a participating agency or company involved in international service-learning fieldwork experience. CR/NC grade.

Offered Fall, Spring, Summer

OTR 599. Graduate Capstone. (2 Units)

Prerequisite; completion of at least the first three semesters of the 7 semester MSOT program. Supervised thesis, special project, or comprehensive examination in occupational therapy. Repeatable course.

Offered Fall, Spring, Summer

OTR 600. Graduate Continuation Course. (1 Units)

Graduate students in MSOT who have other requirements remaining for the completion of their degree or who have completed their course work but not their fieldwork and/or comprehensive exam may maintain continuous attendance by enrolling in this course. Signature of MSOT program director required.

Offered Fall, Spring, Summer

OTR 701. The Historical Analysis of Occupational Therapy Profession. (2 Units)

Analysis of OT history, sociopolitical climate and its importance in meeting society's current and future needs. Introduction to OT practice philosophical base, terminologies, scope of practice, professional roles and associations, certification/licensure, regulation, and accreditation as a baseline for professional development. Admission to Occupational Therapy Doctorate required.

Offered Summer

OTR 713. OT Frameworks and Models of Practice. (2 Units)

Corequisites: OTR 512, OTR 701, OTR 714, OTR 715, and OTR 719 are required. Introduction to the OT Practice Framework and fundamental concepts of OT practice. Analysis of the development and application of theories, models of practice, and frames of reference in achieving desired intervention outcomes in a variety of practice contexts and environments.

Offered Summer

OTR 714. Introduction to Population Health. (2 Units)

Corequisites: OTR 512, OTR 701, OTR 713, OTR 715 and OTR 719 are required. Introduction to the social determinants of health as well as health promotion and disease prevention at the community and global levels. Explores impact of sociocultural, socioeconomic, political, demographic, diversity factors, lifestyle choices, and epidemiological factors to public health and welfare of populations. Restricted to majors.

Offered Summer

OTR 715. OTD Research Portfolio 1 Introduction to Research Portfolio: Literature Review. (1 Units)

Corequisites: OTR 512, OTR 701, OTR 713, OTR 714, and OTR 719 are required. Introduction to an individual e-portfolio focused on the completion of high quality research projects that contribute to occupational therapy practice. As the first of five courses, the focus is to review literature as a foundation to developing research questions and research proposals in succeeding courses.

Offered Summer

OTR 719. Therapeutic Activities and Group Dynamics Across the Lifespan. (3 Units)

Corequisites: OTR 512, OTR 701, OTR 713, OTR 714, and OTR 715 are required. Introduction to how activities, as meaningful occupations, are used as interventions in OT practice. Identify, analyze, and adapt activities using various media in both individual and group therapeutic experiences. Discuss the historical and theoretical underpinnings of arts & crafts as a treatment.

Offered Summer

OTR 722. Clinical Fieldwork I in a Pediatric Setting. (1 Units)

Prerequisites: OTR 512, OTR 701, OTR 713, OTR 714, OTR 715, and OTR 719 are required. Co-requisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 723, and OTR 724 are required. On-site and/or simulated clinical experience with infants and/or children. Parallels with didactic course content to bridge classroom learning with clinical practice through observations of the OT process, such as screening, evaluation, intervention, re-evaluation, discharge planning and application of OT theories. Restricted to majors

Offered Fall

OTR 723. Clinical Reasoning in Occupational Therapy: Pediatric Conditions and Case Analysis. (3 Units)

Prerequisites: OTR 713, OTR 714, OTR 715, OTR 719 and OTR 701 are required. Co-requisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 538, OTR 722, AND OTR 724 are required. Case analysis using simulated and first-hand narratives of children and their families. Examine effects of various developmental, physical and/or psychosocial conditions commonly seen in pediatric populations and employ clinical reasoning skills in identifying and addressing OT needs within varying service delivery models. Restricted to majors.

Offered Fall

OTR 724. Person, Environment, Occupation and Health Promotion in Pediatric Populations. (2 Units)

Prerequisites: OTR 512, OTR 713, OTR 714, OTR 715, OTR 719, and OTR 701 are required. Co-requisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 530, OTR 722, and OTR 723 are required. Explore the values and meanings of occupations, within varying environmental contexts to the health and wellness of infants, toddlers and children. Review service delivery models, policy issues, social systems, related to both traditional and emerging areas of practice for the pediatric population.

Offered Fall

OTR 725. OTR Research Portfolio 2 - Methodologies in Quantitative Research. (3 Units)

Prerequisites: OTR 512, OTR 713, OTR 714, OTR 715, OTR 719 and OTR . Co-requisites: OTR 572, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Comparison of quantitative research methodologies. Students will select appropriate methods and design a scholarly proposal aligned with the ethical policies and procedures necessary to conduct human-subject research. Restricted to majors.

Offered Fall

OTR 732. Clinical Fieldwork I in an Adult Setting. (1 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Co-requisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 733, and OTR 734 are required. On-site and/or simulated clinical experience with adolescents. Parallels with didactic course content to bridge classroom learning with clinical practice through observations of the OT process such as screening, evaluation, intervention, re-evaluation, discharge planning and application of OT theories.

Offered Spring

OTR 733. Clinical Reasoning in Occupational Therapy: Adult Conditions & Case Analyses. (3 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Corequisites: OTR 547, OTR 547, OTR 781, OTR 557, OTR 559, OTR 732, and OTR 734 are required. Case analyses using simulated and first-hand personal narratives of adults and/or family members. Examine effects of various physical and/or psychosocial conditions commonly seen in adult populations and employ clinical reasoning skills in identifying and addressing OT needs within varying service delivery models. Restricted to majors.

Offered Spring

OTR 734. Person, Environment, Occupation, and Health Promotion in Adult Populations. (2 Units)

Prerequisites: OTR 527, OTR 725, ITR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Corequisites: OTR 547, OTR 736, OTR 781, OTR 557, OTR 559, OTR 732, and OTR 733 are required. Explore the values and meanings of occupations within varying environmental contexts to the health and wellness of adults. Review service delivery models, policy issues, social systems, related to both traditional and emerging areas of practice for the adult population. Restricted to majors. Offered Spring

OTR 735. OTD Research Portfolio 3 - Quantitative Research Project. (2 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Corequisites: OTR 547, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733, and OTR 734 are required. Completion of a scholarly quantitative research report that supports clinical practice. Students are encouraged to submit for professional or public audience presentation or publication. Restricted to majors. Offered Spring

OTR 742. Clinical Fieldwork I in and Adolescent Setting. (1 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 745, OTR 782, OTR 790, OTR 517, OTR 519, OTR 743, and OTR 744 are required. On-site and/or simulated clinical experience with adolescents. Parallels with didactic course content to bridge classroom learning with clinical practice through observations of the OT process such as screening, evaluation, intervention, re-evaluation, discharge planning and application of OT theories. Restricted to majors. Offered Summer

OTR 743. Clinical Reasoning in Occupational Therapy: Adolescent Conditions and Case Analyses. (3 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 745, OTR 782, OTR 790, OTR 517, OTR 519, OTR 742, and OTR 744 are required. Case analyses using simulated and first-hand personal narratives of adolescents and/or family members. Examine effects of various developmental, physical and/or psychosocial conditions commonly seen in adolescent populations and employ clinical reasoning skills in identifying and addressing OT needs within varying service delivery models. Restricted to majors. Offered Summer

OTR 744. Person, Environment, Occupation and Health Promotion in Adolescent Populations. (2 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 745, OTR 782, OTR 790, OTR 517, OTR 519, OTR 742, and OTR 742 are required. Explore the values and meanings of occupations within varying environmental contexts to the health and wellness of adolescents. Review service delivery models, policy issues, social systems, related to both traditional and emerging areas of practice for the adolescent population. Restricted to majors. Offered Summer

OTR 745. OTD Research Portfolio 4 - Methodologies in Qualitative Research. (2 Units)

Prerequisites: OTR 547, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 781, OTR 790, OTR 517, OTR 519, OTR 742, OTR 743 and OTR 744 are required. Comparison of qualitative research methodologies. Students will select appropriated methods and design a scholarly proposal aligned with the ethical policies and procedures necessary to conduct human-subject research. Restricted to majors. Offered Summer

OTR 753. Clinical Reasoning in Occupational Therapy: Geriatric Conditions & Case Analyses. (3 Units)

Case analyses using simulated and first-hand personal narratives of older adults, family members or caregivers. Examines effects of various physical and/or psychosocial conditions commonly seen in geriatric populations and employ clinical reasoning skills in identifying and addressing OT needs within varying delivery models. Offered Fall

OTR 754. Person, Environment, Occupation, and Health Promotion in Geriatric Populations. (2 Units)

Explore the values and meanings of occupations within varying environmental contexts to the health and wellness of older adults. Review service delivery models, policy issues, and social systems, related to both traditional and emerging areas of practice for the geriatric population. Offered Fall

OTR 755. OTD Research Portfolio 5: Qualitative Research Project. (2 Units)

Completion of a scholarly qualitative or mixed methods research report that supports clinical practice. Submission for professional or public audience presentation or for publication in a peer-reviewed journal is required. Offered Fall

OTR 780. OT Professional Development Seminar: OT Code of Ethics. (1 Units)

Prerequisites: OTR 512, OTR 713, OTR 714, OTR 715, OTR 719, and OTR 701 are required. Corequisites: OTR 527, OTR 725, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Principles and constructs of the American Occupational Therapy Association (AOTA) Occupational Therapy Code of Ethics and AOTA Standards of Practice. Analysis of ethical dilemmas and case study scenarios of clinical situations, decision-making, professional interactions, client interventions, employment settings, and personal and organizational ethical conflicts. Restricted to majors. Offered Fall

OTR 781. OT Professional Development Seminar: The Reflective Occupational Therapist. (1 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, and OTR 724 are required. Corequisites: OTR 547, OTR 735, OTR 557, OTR 559, OTR 732, OTR 733, and OTR 734 are required. Apply the concept of therapeutic use of self in the OT process with self-reflection on ones personality, insights, perceptions, and judgements. Explore skills and knowledge needed to promote inclusiveness, diversity, justice, equity, sensitivity and responsiveness to societal and cultural differences in practice. Restricted to majors. Offered Spring

OTR 782. OT Professional Development Seminar: Effective Communication and Team Dynamics. (1 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732 and OTR 733, and OTR 734 are required. Corequisites: OTR 745, OTR 790, OTR 517, OTR 519, OTR 742, OTR 743, and OTR 744 are required. Introduction to the principles of interprofessional team dynamics, effective communication, and effective intraprofessional collaboration. Restricted to majors.
Offered Summer

OTR 783. OT Professional Development Seminar - Program Development & Funding of OT Services. (1 Units)

Overview of important aspects and processes in developing programs that address occupational therapy needs, including funding sources, such as reimbursement systems and documentation as well as locating and securing grants.
Offered Fall

OTR 784. OT Professional Development Seminar: Administration and Management. (1 Units)

Administration and management concepts and trends that influence service delivery to patients, families, student, and others in community and clinical settings, including supervision of personnel, quality improvement methods, and oversight of credentialing and licensure requirements consistent with federal and state laws.
Offered Fall

OTR 785. OT Professional Development Seminar - Adaptive and Assistive Technology and Devices. (1 Units)

Assessment, selection, fabrication, application, fitting and training of adaptive and assistive technology and devices that enhance occupational performance and foster participation and well-being of persons experiencing limitations due to personal or environmental barriers. Discuss state and federal laws affecting its availability or acquisition.
Offered Fall

OTR 786. OT Professional Development Seminar - Group Interventions. (1 Units)

Historical, theoretical underpinnings and application of group work to populations spanning the lifespan. Focus on group dynamics and understanding human behavior in a variety of contexts to develop appropriate selection, planning, facilitation of group interventions.
Offered Fall

OTR 787. OT Professional Development Seminar-Ergonomics. (1 Units)

Specialized area of ergonomic evaluation and interventions for daily activities at home and in work environments, including body mechanics, work/rest cycles, application of traditional and alternative work environments, application and use of commercially available ergonomic equipment, and development of novel ergonomic applications.

OTR 788. OT Professional Development seminar- Leadership and Advocacy. (1 Units)

Discussion of personal and professional responsibilities as occupational therapist, including ongoing professional development as well as engagement in advocacy, systems and structures that create legislation, and work in an academic setting.

OTR 789. OT Professional Development Seminar: Business Aspects of Practice. (1 Units)

Business aspects of occupational therapy practice, which include the development of business plans, financial management, program evaluation models, and strategic planning.

OTR 790. OTD Capstone Portfolio 1 Needs Assessment: Identifying OT Problem. (1 Units)

Introduction to an individual e-portfolio for the OTD Degree capstone. As the first of five courses, the focus is to perform a needs assessment to identify an OT problem as a baseline for the development of a research or evidence-based capstone project in succeeding courses.
Offered Summer

OTR 791. OTD Capstone Portfolio 2 - Evidence-based Practice: Reviewing Best Intervention. (1 Units)

Evidence-based rehabilitation as applied to occupational therapy practice. The student is mentored through the development of an evidence-based program proposal for a potential capstone experience placement site. A research project proposal may also be acceptable as approved by the academic advisor.
Offered Fall

OTR 792. OTD Capstone Portfolio 3 Capstone Experience. (9 Units)

A 14-week in-depth exposure to one or more of the following: clinical practice skills, research skills, administration, leadership program and policy development, advocacy, education, and theory development. Fulfills the capstone experience requirement of the OTD degree.
Offered Fall

OTR 793. OTD Capstone Portfolio 4 Capstone Project 1. (3 Units)

The first phase of the capstone project completion. The student is mentored through (1) the selection of doctoral capstone project committee, (2) development of a capstone project proposal for committee review and approval, (3) facilitation of the research or evidence-based program.
Offered Fall

OTR 797. OTD Capstone Portfolio 5 Capstone Project 2. (3 Units)

Completion of the capstone project, which includes both a written report and an oral presentation. Capstone committee approval required.
Offered Spring

Operations Management (OMG)

OMG 220. Introduction to Transportation Management. (3 Units)

Introduction to the alternative modes, systems, rates, services, and regulations in global transport including ocean, air, and surface carriers and systems.
Offered Fall

OMG 221. Introduction to Business Statistics. (3 Units)

An introductory course covering fundamentals of modern statistical methods. Topics include descriptive statistics, probability rules and laws, the binomial and normal distributions, sampling and sampling distributions, estimation, and hypothesis testing.
Offered Fall, Spring

OMG 225. Introduction to Logistics Management. (3 Units)

Introductions to logistics concepts and systems, including Inventory and Warehouse Management, Logistics Information Systems, Facility Location, and Global Logistics.
Offered Infrequent

OMG 230. Introduction to Supply Chain Management. (3 Units)

This course is an overview of the entire supply chain and its key elements. It covers basic concepts and terminology used in demand planning, inventory planning, material planning, distribution planning, fulfillment planning, and related components of a supply chain.
Offered Fall, Spring

OMG 321. Business Statistics. (3 Units)

Prerequisites: MAT 131, MAT 132 or OMG 221 is required. Topics include inferential statistics, analysis of variance, multiple regression, time series forecasting and their application in business decision making process. Excel and/or a statistical software will be used throughout the course. Offered Fall, Spring, Summer

OMG 322. Operations Management. (3 Units)

Prerequisite: OMG 321. Analysis of the management function in the production area with emphasis on computer applications and practical problem-solving. Includes international developments. Offered Fall, Spring, Summer

OMG 420. Global Transportation MGT. (3 Units)

Prerequisites: OMG 220 and OMG 321 are required. This course provides advanced study of alternative modes, systems, rates, and regulations in global transport including ocean, air, and surface carriers. It also includes analysis of problems concerning the distribution of consumer products, including environmental, social, and political issues. Offered Infrequent

OMG 423. Quantitative Analysis. (3 Units)

Prerequisite: CJA 341, OMG 321 or PUB 305 is required. Use of deterministic, probabilistic methods to model and solve different types of decision problems. Offered Infrequent

OMG 425. Logistics Management. (3 Units)

Prerequisites: OMG 225 and OMG 321 are required. This course covers advanced topics in managing of logistics systems including inventory control, distribution network analysis, facility location analysis, and storage of material and the warehousing finished goods. Offered Fall, Spring

OMG 426. Production Planning & Control. (3 Units)

Prerequisite: OMG 322. Techniques and systems for planning, scheduling, and controlling production. Offered Infrequent

OMG 427. Business Process Improvement. (3 Units)

Prerequisite: OMG 321. Basic elements of business Process Improvement are presented. Process Improvement related to wide areas of business activities are discussed. This includes not only the process improvement of manufactured products, but also various kinds of service activities such as quality management of finance, accounting and marketing departments of manufacturing companies as well as hospitals, airlines, trucking companies, governments, schools, accounting and law firms. Offered Fall

OMG 428. Purchasing Management. (3 Units)

Prerequisite: OMG 322. Examines activities directed to securing the materials, supplies, equipment and services required for the proper and efficient functioning of a business, including related planning and policy issues. Offered Fall, Spring

OMG 429. Service Operations MGT. (3 Units)

The course emphasis is on the design and operations of service delivery firms as well as service delivery functions within manufacturing firms. It includes topics such as strategic planning and design techniques, principles of delivering quality service, managing capacity and demand, managing information, techniques for improving quality of service operations processes and customer services, and the human dimension in service management. Offered Spring

OMG 430. Enterprise Resource Planning and Supply Chain Management Cases. (3 Units)

Prerequisite: OMG 322 is required. Dedicated to introducing key concepts of supply chain management (SCM) and real-world SCM cases, helping students interpret the happenings in the world from a supply chain's perspective. This course will provide students with hands-on experience with the SAP ERP solution in use by major corporations to manage and improve the efficiency of their supply chains. Offered Fall, Spring

OMG 502. adv Topics : Operations MGT. (3 Units)

Prerequisite: OMG 321 or equivalent. Management of operations process including production and service aspects. Topics include capacity and location planning, scheduling, facility layout, project and inventory management quality improvement. Behavioral, multinational ethical issues will be considered. Case analysis, oral/written presentation and computer usage required. Offered Infrequent

OMG 510. Logistics Applications. (3 Units)

This course introduces students to various logistics application areas. Key areas to be covered include: warehouse management; pipeline management; inventory management; distribution; scheduling; freight consolidation and forwarding; international aspects of logistics; ocean/land carrier logistics; fleet operations; site location; and tariffs. Offered Infrequent

OMG 520. Logistics Case Studies. (3 Units)

This course will expose students to transportation and logistics case studies in logistics such as United Parcel Service, Dell, Ford, Cathay Pacific, Royal Caribbean Cruises, etc. Students will be exposed to logistics problems faced by major companies and how they were solved. Offered Infrequent

OMG 570. Supply Chain Design and Strategy. (3 Units)

Prerequisite: BUS 495 or Statistics is recommended. Covers principals and fundamental concepts in supply chain management. Introduces several quantitative methods to design an efficient supply chain. Topics include: demand forecasting, inventory management, supply chain network design, coordination, logistics and sourcing. Offered Infrequent

OMG 575. Supply Chain Management Systems. (3 Units)

Prerequisite: OMG 570 is required; CIS 530 is recommended. Apply information systems to support supply chain, focusing on delivering performance consistent with a firm's competitive strategy. Topics include: study of existing SCM information systems, demand-driven networks, CRM, collaboration, supplier relationship management, logistics and integration of SCM systems to company's ERP system. Offered Infrequent

OMG 580. Global Logistics Management. (3 Units)

In this course, students tackle real life Logistics management projects. Emphases are on applying theoretical frameworks to align enterprise Logistics and business strategies, and on integrating and applying knowledge and skills that they have acquired from the previous course work. Offered Infrequent

OMG 595. S Topics: Quantative Methods. (3 Units)

Prerequisites: Graduate standing and OMG 502. Intensive study of a specialized area of quantitative methods on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course. Offered Infrequent

Organizational Leadership Studies (OLS)

OLS 300. Ethos Libl Arts & Role of Work. (3 Units)

Examines the relationship between liberal arts and sciences education and the competencies required to function effectively in social and occupational settings. Readings and assignments emphasize integration and application of skills, knowledge, perspectives, and values acquired through liberal arts and sciences.

Offered Fall, Spring

OLS 490. Sem in Occupational Leadership. (3 Units)

Prerequisites: OLS 300, satisfaction of GVAR and Senior Standing. Required of all applied studies majors. Interdisciplinary analysis of leadership in selected occupational areas. Creation and presentation of student portfolios demonstrating occupational accomplishment. Three hours of seminar per week.

Offered Fall, Spring

OLS 494. Independent Study in Organizational Leadership Studies. (3 Units)

Prerequisite: Consent of the program director. Independent research or other study under the direction of a full-time faculty member of the Applied Studies Program. CR/NC grading.

Offered As needed

OLS 495. special Topics in Organizational Leadership Studies. (3 Units)

Prerequisite: Consent of the program director. Advanced seminar on a topic of current interest to the discipline of Organizational Leadership Studies. Three hours of seminar per week. Repeatable Course.

Offered Infrequent

OLS 496. Internship in Organizational Leadership Studies. (3 Units)

Prerequisite: Consent of Program Director. Under direction of the Internship Coordinator, students work in an organization applying skills and knowledge learned in the classroom. CR/NC grading. Repeatable course.

Offered Infrequent

Philosophy (PHI)

PHI 101. Moral Problems. (3 Units)

The role of morals as motivations and goals in our lives. General knowledge of what values are and how they influence us on individual and societal levels. Students will construct solutions to moral problems, for example, problems of justice.

Offered Fall, Spring, All terms

PHI 102. Humanity, Nature & God. (3 Units)

Critical examination of perennial philosophical issues such as the nature of philosophy, the existence of God, free will, truth. Both Western and non-Western perspectives are discussed. Gives student general understanding of his/her societal context. Essays as well as exams.

Offered Fall, Spring

PHI 120. Critical Reasoning. (3 Units)

Introduction to methods of critical thinking including the nature of arguments, formal and informal fallacies, deductive and inductive arguments. Provides student with critical skills in both academic and non-academic context. A-C-/NC grading.

Offered Fall, Spring, Summer, All terms

PHI 201. The Good Life. (3 Units)

Prerequisite: ENG 110 is recommended. Explores philosophical approaches to the art of living. Readings will focus on ancient Greek and Roman philosophy as a way of life, along with a selection of religious and non-Western philosophies of the good life.

Offered Spring

PHI 202. The Devil You Don't Know. (3 Units)

Prerequisite: ENG 110 is recommended. The development of the idea of the Devil and related ideas such as sin, evil, temptation, and the nature of the human. Investigates the Devil in scripture, philosophy, literature, and film. Includes Jewish, Christian and Muslim sources.

Offered Fall, Spring

PHI 220. Symbolic Logic. (3 Units)

Introduction to symbolic logic and its relation to everyday language. Students study deductive and inductive reasoning, the logical content and consistency of statements, truth-functional operations, analysis of arguments for validity and invalidity, logical fallacies, and elementary quantification theory.

Offered Spring

PHI 300. Proseminar. (3 Units)

Prerequisite: 6 units in LD Philosophy or department consent. An introduction to philosophical methods, research and dialogue in order to improve students' skills at writing and analysis. Topics to be covered will address some central area or areas of philosophy and will vary from year to year.

Offered Fall, Spring

PHI 301. Ancient Greek and Roman Philosophy. (3 Units)

A critical study of the foundations of Western civilization as found in ancient Greek and Roman thought.

Offered Fall

PHI 302. Medieval Philosophies: Jewish, Christian and Muslim. (3 Units)

Offered Spring even

PHI 303. Modern Philosophy: Descartes To Kant. (3 Units)

Western thought as manifest through the evolution of the philosophical systems of Rationalism, Empiricism and Critical Philosophy.

Offered Spring

PHI 304. 19th Century Philosophy: Hegel To Nietzsche. (3 Units)

A study of nineteenth century European philosophy focusing on thinkers such as Hegel, Kierkegaard, Marx and Nietzsche.

Offered Fall

PHI 305. Contemporary Philosophy. (3 Units)

Study of contemporary American and European philosophical concepts, movements, or key figures. Specific topic indicated in class schedule.

Repeatable for credit.

Offered Spring odd

PHI 308. Existentialism. (3 Units)

Prerequisites: PHI 101 or PHI 102 is recommended. Examines key existential philosophers, such as Kierkegaard, Nietzsche, Heidegger, Marcel, Sartre, de Beauvoir, and Camus. Also explored are existentialist themes in the history of philosophy, literature, poetry, and film such as Dostoyevsky, Rilke, Bergman, Kurosawa, and Woody Allen.

Offered Fall odd

PHI 316. Ethical Theories. (3 Units)

A critical inquiry into the groundwork of ethics by exploring such basic questions in ethics as the nature of good, the criteria for right action, the language of moral discourse, ontology and morality, and religion and ethics.

Offered Fall

PHI 321. The Nature of Beauty: Aesthetics. (3 Units)

A critical examination of our beliefs about the nature of beauty in the context of art, music, literature and film. Topics include artistic creativity, aesthetic experience, criticism and evaluation. Specific topic indicated in class schedule. Repeatable course.

Offered Spring even

PHI 331. Social & Political Philosophy. (3 Units)

Prerequisite: PHI 300 is highly recommended. Historical and contemporary theories on the scope and legitimacy of political authority: discussion of various contract theories of the state and of the relationships between rights of individuals and rights of states.

Repeatable course.

Offered Fall odd

PHI 340. Environmental Ethics. (3 Units)

Inquiry into philosophical theories and methods that assess how humanity should relate to Earth, how we view ourselves ecologically, whether consumption practices are logical and moral. Topics include deep ecology, Eco-feminism, anthropocentric v. non-anthropocentric Ethics, animal rights and sustainability.

Offered Spring

PHI 350. Theories of Cognition. (3 Units)

Prerequisite: PHI 120 or equivalent. PHI 300 is highly recommended.

This course will approach the question of mind from disciplines in humanities, sciences, and social sciences. Several standpoints such as: classical philosophy, cognitive science, neurology, computer science and artificial intelligence, cognitive ethology, and evolutionary linguistics will be discussed.

Offered Infrequent

PHI 351. Death and Dying. (3 Units)

Introduction to psychological, medical, cultural, and ethical aspects of death and dying. A cross-cultural approach to perceptions of death and dying, how and why they have changed over time, how various authors, poets, and artists represent death and dying.

Offered Fall, Spring

PHI 352. Myth as Reality. (3 Units)

Explores the nature of myth, its relationship to ritual, dream, and folktale, and its manifestations in literature and the individual. Although the course will have a primary literary focus, it will draw on the disciplines of philosophy, religious studies, anthropology, and psychology.

Offered Fall, Spring

PHI 353. Age of Revolt. (3 Units)

Investigation of the spirit of revolt in the historical period of the Spanish Conquest; the American, French, Haitian, Russian and Algerian revolutions; Black Power and Zapatista: through history, philosophy and the arts.

Offered Fall, Spring

PHI 365. Mind, World and Language. (3 Units)

A critical examination of the relation between knowledge and reality, with a particular interest in the role of language. Readings include a variety of historical and contemporary perspectives, such as analytic philosophy, pragmatism, and phenomenology.

Offered Spring even

PHI 370. Philos of Africa & Diaspora. (3 Units)

Prerequisite: PHI 300 is highly recommended. A critical study of African and afrocentric philosophies, including Bantu, Akan, and Yoruba traditions. African American philosophers such as Alain Locke and other third world African peoples are also covered in depth. Topics include personhood, time, causality, value theory, black aesthetics, and black feminist epistemologies.

Offered Spring

PHI 371. African World Religions. (3 Units)

Prerequisite: PHI 300 is recommended A critical study of traditional religious experience and expression among peoples of the African continent including the Akan, Yoruba and Ibo as well as manifestations of Christianity and Islam as expressed both in Africa and in the Americas .

Offered Fall

PHI 378. Philosophy of Religion. (3 Units)

Prerequisite: PHI 300. A critical, comprehensive study of the nature and value of religion. Includes such issues as the relationship between Religion, Philosophy, Theology, and Science; the existence of a deity, revelation(s), faith, the problem of evil, scriptural myths, and religious experience and language.

Offered Spring

PHI 379. Contemporary Moral Issues. (3 Units)

Prerequisite: PHI 300 is highly recommended. Philosophical inquiry into basic moral problems relevant today such as morality versus non-morality, human responsibility, individual versus societal values, morality versus legality, ethnic identity versus social conformity, abortion versus right to life, and the euthanasia decision. Repeatable for Credit.

Offered Fall

PHI 383. Comparative Religions. (3 Units)

Prerequisite: PHI 300 is highly recommended. A study of the relationship of the various religious perspectives of the world, their rituals, their influence on society and their philosophical implications.

Offered Fall

PHI 384. Philosophies of India, China and Japan. (3 Units)

The evolution and meaning of various non- Western traditions will be discussed. Selected topics will include Hinduism, Buddhism, Zen Buddhism, Shintoism, Confucianism. Emphasis on significance in India, China and Japan . Repeatable course.

Offered Spring

PHI 386. Analytical Methods of Biblical Study. (3 Units)

Prerequisite: PHI 300 is highly recommended. The Bible in light of modern scholarship; principles and methods of its interpretation. Emphasis is given to the Pentateuch, the Gospels, and other key portions for their philosophical and theological views.

Offered Fall odd

PHI 480. Religion and Violence. (3 Units)

Prerequisite: PHI 383 is recommended. A critical examination of fundamentalist movements in various religious traditions. Explores the intrinsic relationship among four key variables: religion, secularization, fundamentalism, and the consequences of religious fundamentalization. Finally, we will ask whether fundamentalist principles legitimate new forms of religious violence.

Offered Fall odd

PHI 490. Seminar. (3 Units)

Prerequisite: PHI 300. A critical analysis and interpretation of a major philosophical or religious system or issue in respect to its presuppositions, task, method, problems and solutions. Repeatable course. Course is writing intensive. Three hours of seminar per week. Offered Spring

PHI 494. Independent Study. (1-3 Units)

Prerequisite: PHI 300 is highly recommended. Study of a particular philosophical or religious problem, individually or as a team or group, under the direction of a faculty member. Only three units may be used for Philosophy major and minor requirements. Offered Fall, Spring

PHI 495. Special Topics. (3 Units)

Prerequisite: PHI 300 is highly recommended. An intensive study of a concept, movement or individual in Philosophy. Intended for students with senior standing and having fulfilled major requirements. Specific topic listed in class schedule. Repeatable course. Three hours of seminar per week. Offered Infrequent

PHI 580. Religion and Violence. (3 Units)

Prerequisite: PHI 383 is recommended. A critical examination of fundamentalist movements in various religious traditions. Explores the intrinsic relationship among four key variables: religion, secularization, fundamentalism, and the consequences of religious fundamentalization. Finally, we will ask whether fundamentalist principles legitimate new forms of religious violence. Offered Fall odd

PHI 595. Special Topics. (3 Units)

Prerequisite: PHI 300 is highly recommended. An intensive study of a concept, movement or individual in Philosophy. Intended for students with senior or graduate standing. Specific topic listed in class schedule. Repeatable course. Three hours of seminar per week. Offered Infrequent

Photography (PHT)

PHT 300. Digital Photography. (3 Units)

Prerequisite: DGN 110 or DMA 310 or consent of instructor. Introduction to digital photography techniques as well as the general history of photography. Development of creative expression as it relates to the photographic medium. Six hours of activity per week. Fee required. Offered Fall, Spring

PHT 350. Photography 2. (3 Units)

Prerequisite: Designed for students with introductory photography knowledge to further synthesize their photographic skills with creative concepts to create meaningful photographs. Course content will emphasize photography as a vital component of contemporary art, and a tool for social change. Offered Spring

PHT 400. Digital Photography 3. (3 Units)

Prerequisites: Advanced level course that further addresses the photographic methodologies of generating a photographic portfolio within a concentration that investigates an idea of personal interest for each individual student. Offered Spring

Physics (PHY)

PHY 100. Patterns In Nature. (3 Units)

Unifying principles of elastic, sound, light and matter waves. Models of nature. Successes and failures of wave and particle models and their synthesis. Designed for non-science students. Partially meets the lower division General Education requirement in Natural Sciences. Offered Fall, Spring

PHY 110. Computer Methods in Applied Physics. (3 Units)

Prerequisite: MAT 151 or MAT 153. Introduction to programming with physics applications. Students will gain insight into physical phenomena. They will learn to relate theory to experiment through the use of interactive physics simulations. Offered All terms, Spring

PHY 120. Elements Of Physics I. (4 Units)

Prerequisite: High school or college algebra. Motion, energy, waves and heat treated from a non-calculus point of view. Three hours of lecture and three hours of laboratory per week. Offered Fall, Spring, Summer

PHY 122. Elements Of Physics II. (4 Units)

Prerequisite: PHY 120. Electricity, magnetism and light. Nuclear radiation. Quantum phenomena. Atomic structure. Three hours of lecture and three hours of laboratory per week. Offered Fall, Spring

PHY 130. General Physics I. (5 Units)

Prerequisite: MAT 191 or concurrent enrollment. Kinematics and dynamics of particles, rigid bodies and fluids. Kinetic theory, temperature and thermodynamics. Calculus-based course. Four hours of lecture and three hours of laboratory per week. Offered Fall, Spring

PHY 132. General Physics II. (5 Units)

Prerequisites: MAT 193 or concurrent enrollment, and PHY 130. Waves, light, electricity and magnetism. Four hours of lecture and three hours of laboratory per week. Offered Fall, Spring

PHY 134. General Physics III. (4 Units)

Prerequisite: PHY 132 or consent of instructor. Twentieth century physics, including concepts of relativity and quantum theory and particle classification. Applications to radiation, atoms, elementary particles and nuclei. Three hours of lecture and three hours of laboratory per week. Offered Fall, Spring

PHY 195. Selected Topics in Physics. (1-4 Units)

Prerequisites: Consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course. Offered As needed

PHY 201. Experimental Methods. (3 Units)

Fabrication techniques applicable in the laboratory per week. Properties of materials. Three hours of laboratory per week. Offered Infrequent

PHY 207. Physics W/Clin Sci App. (4 Units)

Prerequisites: High school algebra, CHE 110 and CHE 112. Electricity, magnetism and electromagnetic waves. Light, including the photon model. Laboratory emphasis on solid state devices and electronic instrumentation. Designed for students in the Clinical Sciences. Three hours of lecture and three hours of laboratory per week. Offered Infrequent

PHY 210. Physical Science for Teachers. (4 Units)

Prerequisite: Admission to the Liberal Studies major. Designed specifically for future elementary and middle school teachers. Emphasis on the fundamental concepts of physical science and their applications. Laboratory experiments use mostly low cost everyday objects. Topics include mechanics, fluids, heat, waves, electromagnetism, light, atoms, periodic table and chemical bonding. Three hours of lecture and three hours of laboratory per week.
Offered Fall, Spring, Summer

PHY 295. Selected Topics in Physics. (3 Units)

Prerequisites: Consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course.
Offered As needed

PHY 302. Wrkshp Phys Sci Fr Teachr. (3 Units)

Lecture-demonstration-laboratory covering fundamental concepts in physical science, designed especially for in-service teachers (K-12). Class emphasizes on hands-on activities using everyday objects. Two hours of lecture and three hours of laboratory per week. Not for physics majors or minors. CR/NC grading.
Offered Infrequent

PHY 306. Math Methods In Physics. (3 Units)

Prerequisite: MAT 211. Application of the following techniques to physics: vectors, Gauss' and Stokes' theorems, series solutions of differential equations, Sturm - Liouville theory, and Fourier Series.
Offered Fall, Spring

PHY 310. Theoretical Mechanics I. (3 Units)

Prerequisites: PHY 130, PHY 306 and MAT 211. Newtonian dynamics of one and two particles. Introduction to Lagrange's equations. Includes computer simulations.
Offered Fall

PHY 320. Physical Optics. (3 Units)

Prerequisite: PHY 132 or consent of instructor. Scalar wave equations, interference and diffraction, spacial filtering, coherence and holography.
Offered Spring

PHY 331. Audio Electronics. (3 Units)

Prerequisite: PHY 100 or consent of instructor. Selection and utilization of electronic components and instrumentation. Solid state circuit design and construction. Fundamental electronics through linear amplifiers, power supplies, filters and feedback. A project is required. Designed for students interested in audio techniques. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

PHY 333. Analog Electronics. (3 Units)

Prerequisite: PHY 122 or PHY 132 or consent of instructor. Selection and utilization of electronic components and instrumentation. Solid state circuit design and construction. Amplifiers, feedback techniques, operational amplifiers, SCRs, FETs, etc. A project is required. Two hours of lecture and three hours of laboratory per week.
Offered Fall, Spring

PHY 335. Digital Electronics. (3 Units)

Prerequisites: PHY 122 or PHY 132 or consent of instructor is required, PHY 333 is recommended. Design and use of systems employing digital integrated circuits. Gates, Boolean algebra, combinatorial and sequential design. Multiplexers, flip-flops, shift registers, ALUs and memories. Two hours of lecture and three hours of laboratory per week.
Offered Spring

PHY 337. Microprocessors. (3 Units)

Prerequisite: PHY 335 or consent of instructor. Architecture, programming and interfacing of microcomputers. Input/output, instruction sets, subroutines, interrupts, serial communications and process control. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

PHY 339. Instrumentation. (3 Units)

Prerequisite: PHY 333. Measurement techniques, transducers, noise reduction, signal processing in the analog and digital domains. Computer controlled instrumentation and data acquisition. Bus configurations and interfacing. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

PHY 341. Advanced Laboratory. (2 Units)

Prerequisites: PHY 132 (or 122) and 333. Advanced experimental work, including data acquisition and error analysis techniques. Experiments are taken from several of the major areas of physics, such as optics and spectroscopy, solid state, acoustics, nuclear physics and electronics. Course may be repeated for credit with instructor's approval. One hour of lecture and one three hours laboratory period per week.
Offered Spring

PHY 346. Thermal Physics. (3 Units)

Prerequisites: PHY 130 and MAT 211. Laws of thermodynamics. Equations of state, entropy, free energies, kinetic theory and concepts of statistical physics.
Offered Spring

PHY 350. Electromagnetic Theory I. (3 Units)

Prerequisites: PHY 132, PHY 306 and MAT 211 are required; MAT 213 is recommended. Electro- and magnetostatics. Electromagnetic properties of matter, Faraday's law of induction, direct and alternating currents. Includes computer simulations.
Offered Fall

PHY 352. Electromagnetic Theory II. (3 Units)

Prerequisite: PHY 350. Derivation and applications of Maxwell's equations in vacuum and material media. Electromagnetic radiation. Includes computer simulations.
Offered Spring

PHY 356. Astrophysics. (3 Units)

Prerequisites: PHY 132 and PHY 134. Quantitative study of stellar astronomy with emphasis on stellar evolution and cosmology. Includes computer simulations.
Offered Spring even

PHY 380. Non-Linear Phenomena. (3 Units)

Prerequisites: MAT 311 or PHY 306; PHY 310 recommended. Linear systems, iterated maps, differential flows, conservative systems, routes to chaos, strange attractors, fractals, coherent structures, and pattern formation. Visits to computer lab will be included.
Offered Spring

PHY 395. Selected Topics in Physics. (1-4 Units)

Prerequisites: Consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course.
Offered As needed

PHY 460. Quantum Mechanics I. (3 Units)

Prerequisites: PHY 134, PHY 306 and MAT 211. Quantum phenomena; postulates and interpretation; Schroedinger's equation in one, two and three dimensions. Applications to atoms and barrier penetration.
Offered Fall

PHY 462. Quantum Mechanics II. (3 Units)

Prerequisite: PHY 460. Spin, identical particles. Applications of quantum mechanics to problems of current interest in physics, such as solid state, nuclear, astrophysics and particle physics.

Offered Spring odd

PHY 494. Independent Study. (3 Units)

Prerequisites: Upper division standing and completion of an independent study contract are required. A reading program on a specialized topic in Physics under the supervision of a faculty member. Repeatable course.

Offered Fall, Spring

PHY 495. Selected Topics Physics. (3 Units)

Prerequisites: Upper division standing and consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course.

Offered As needed

PHY 498. Directed Research. (1-3 Units)

Prerequisites: Upper division standing and consent of instructor.

Advanced laboratory work in an area related to physics or instrumentation. The student participates in an independent investigation under faculty supervision. Repeatable course. Three to nine hours of laboratory per week.

Offered Fall, Spring

PHY 595. Special Topics in Physics. (1-4 Units)

Prerequisite: Consent of instructor. Advanced course of special interest to graduate students. Topic and content will vary as announced.

Offered As needed

Political Science (POL)

POL 100. General Education Political Science: World Perspectives. (3 Units)

An introduction to world affairs and the role of the individual in an increasingly complex and interdependent international system. Both the conceptual and practical aspects of problem solving and decision making are examined as they relate to international cooperation and conflict.

Offered Fall, Spring

POL 101. American Institutions. (3 Units)

A study of contemporary political institutions, with emphasis on the philosophy, structure, and behavior of the American political system, including the State of California. Meets State requirement in U.S.

Constitution and California State and Local government.

Offered Fall, Spring

POL 300. Research Design in Political Science. (3 Units)

The first course of a two-course sequence - POL 300 and POL 301 - that examines the fundamentals of research design in political science.

Satisfies Graduation Writing Assessment Requirement (GWAR). A grade of C or better in this course fulfills the GWAR requirement for all Political Science and Behavioral Science majors and minors.

Offered Fall, Spring

POL 301. Statistical Analysis in Political Science. (3 Units)

Prerequisite: POL 300 is required. Focuses on introducing students to elementary statistical techniques and their applications to problems in Political Science.

Offered Fall, Spring

POL 304. Basic Concepts of Law: Substantive. (3 Units)

An examination of conflict situations which arise in contemporary life and the way in which the law and legal institutions address these conflicts.

Statutory law and common law will be studied with an emphasis on case analysis, torts, crimes, property, contracts, and landlord-tenant.

Offered Infrequent

POL 305. Basic Concepts of Law: Procedural. (3 Units)

A basic course in understanding the legal system with a focus on basic procedural law. Emphasis will be placed on civil procedure, evidence, and litigation, probate and corporation, partnership and agency.

Offered Infrequent

POL 310. Current Issues in American Government. (3 Units)

Analysis and critical evaluation of recent major issues, conflicts and problems in American government and institutions. Current issues might include social and health services, energy, environment, multinational corporations, military spending, taxation, political economy, criminal justice, and civil rights.

Offered Fall, Spring

POL 312. State and Local Government: Organization and Problems. (3 Units)

Analysis of functions of state and local government with particular emphasis on California. Examination of state-federal and state-local relations and the policy choices available for solving current problems.

The course meets the statutory requirement for state and local government.

Offered Fall, Spring

POL 314. American Political Parties and Elections. (3 Units)

A study of the dynamics of American political behavior, including the legal regulation of parties and of elections. Analysis of voting behavior and public opinion. Study of political party organization, membership, and leadership in the context of the contemporary political scene.

Offered Fall, Spring

POL 315. Congress and the President. (3 Units)

An analysis of development and operation of the elected decision-making structures of the United States government. Particular focus on the interrelationships between the Congress and the President.

Offered Fall, Spring

POL 318. Public Policy Choices: Distribution of Wealth. (3 Units)

A study of wealth and redistribution, including the causes and consequences of inequalities in the United States and other countries. Considers how economic inequality affects citizens' participation in political activities, interest groups, political parties, social movements, and civic associations.

Offered Fall, Spring

POL 319. Horror and Politics. (3 Units)

Prerequisite(s): POL 101 required. Co-requisite(s); POL 315 recommended. In addition to scene of terror, many times horror films deliver political commentary. What do horror films say about the times in which they were created, as well as our own time? This course will explore these issues and more.

Offered Fall

POL 320. Urban Government and Policy Choices. (3 Units)

A survey of the structures of American municipal, county, and special districts within the context of a systematic evaluation of the public policy choices facing these units of government.

Offered Fall, All terms

POL 323. Black Politics. (3 Units)

An analysis of the structure of power within the Black community and political interaction between activists, moderates, and conservatives. Evaluation of styles within the Black sub-political culture and manipulative aspects and tactics; e.g., coalition, confrontation, establishment politics.
Offered Fall

POL 325. Women and Politics in the United States. (3 Units)

Examination of the expansion across time of women's rights in the United States. Considers the limitation of rights, feminist movements/theory, and ongoing problems. Also examines roles of specific women who have lead movements and/or pushed for legal change.
Offered Spring

POL 328. Cultural Pluralism in American Politics. (3 Units)

Discusses the issues of political socialization and cultural differences in the American political arena. Analyzes the political orientations of various ethnic groups in the United States, their cultural and socioeconomic backgrounds, and their levels of political participation and interaction with American political institutions.
Offered Infrequent

POL 331. International Terrorism. (3 Units)

Analysis of the concept of terrorism, root causes and forms. Examination of theories and counter-terrorism strategies at different levels of analysis; individuals, groups, societal, states and transnational. Special emphasis on specific terrorism cases, terrorist organizations and cyber-terrorism in the Digital Age.
Offered Fall

POL 332. International Security. (3 Units)

Analysis of the theory and practice of international conflict, crisis, and war management. Special emphasis on the contemporary concerns of deterrence, limited war, guerrilla warfare, foreign commitments, arms races, and arms control.
Offered Fall, Spring

POL 333. International Relations of East Asia. (3 Units)

Analysis of contemporary international relations of East Asia, including the rise of China, its affects on US-China relations and implications in the region concerning foreign policy issues for countries such as Japan, North and South Korea, Vietnam, Indonesia, and Thailand.
Offered Spring

POL 334. American Foreign Policy. (3 Units)

The formulation and execution of foreign policy in the United States, including an analysis of competing ideological concepts, the role of President and Congress, and the influence of public opinion.
Offered Fall, Spring, All terms

POL 335. Introduction to International Relations. (3 Units)

Introduction to international relations. Students will learn theories, concepts, principles and practices of international politics. Topics include war/peace, international political economy, and international institutions. Global issues such as terrorism, human rights, environment, and global health will also be examined.
Offered Fall, Spring

POL 336. Theories of International Relations. (3 Units)

Analysis of action and interaction of states, decision-making, capability analysis, balance and imbalance, systems analysis, communication, crisis, and game theory.
Offered Fall, Spring

POL 337. European International Relations. (3 Units)

An analysis of European international relations and foreign policies including the impact of Western European economic integration, the foreign policies of the Russian Commonwealth with Eastern and Western Europe, and the changing role of NATO.
Offered Infrequent

POL 339. Model United Nations. (3 Units)

Examination of the role of international organizations and the issues addressed by these international actors while preparing students to participate in intercollegiate Model United Nations simulations. May be repeated for credit to a maximum of 9.0 units.
Offered Infrequent

POL 340. Introduction to Comparative Politics. (3 Units)

Study of domestic politics in different regions of the world by focusing on topics, such as economic development, democratization and regime change, political institutions, income redistribution, and political representation.
Offered Fall, Spring

POL 341. Gov and Politics of East Asia. (3 Units)

China, Japan, and Korea : political behavior, ideas, and institutions of societies of East Asia. Political parties and organizations, role of competing ideologies and systems of behavior, interaction of domestic and foreign policies.
Offered Fall, Spring

POL 342. Government and Politics of the Middle East. (3 Units)

Analysis and explanation of political processes, governments, political issues and foreign relations of the Middle East. Discussion of influence of religion, oil, revolutions and conflicts on Middle East politics.
Offered Fall

POL 343. Political Behavior in Latin America. (3 Units)

Analysis of political and cultural behavior in South America with a focus on Brazil, Argentina, Chile, Peru, Colombia, and Venezuela. Their sociopolitical institutions, elites, and interest groups; and the impact of national and cross-national cultural pluralism upon political life in the region.
Offered Fall, Spring

POL 344. Latin America: The Revolutionary Tradition. (3 Units)

A comparative analysis of the revolutionary process in Mexico, Central America and Cuba, encompassing the dimensions of the socio-political, cultural and economic characteristics. An emphasis on post-revolutionary developmental politics in Mexico, Nicaragua, Cuba, and on the current social unrest in Central America, including an analysis of ideas, institutions, groups and economic conditions.
Offered Fall, Spring

POL 345. Democratization. (3 Units)

Students examine the basic principles, theories, and comparative methods useful for understanding the challenges of democracy and democratization and provides insights into the range of practical policy recommendations which could be adopted to strengthen the process of democratic governance.
Offered Fall, Spring

POL 347. Comparative Political Parties. (3 Units)

For more than a century, democratic politics has been synonymous with party politics. This class provides an understanding of the origins or parties and party systems, the reasons for their successes and failures, and their impact on political outcomes.
Offered Fall, Spring

POL 349. Government and Politics in Sub-Saharan Africa. (3 Units)

A study of the dynamics of government and politics in Africa south of the Sahara Desert with special emphasis on South Africa. Imperialism and colonial administration, nationalism, and decolonization treated as background to the problems of modernization and nation-building in the region.

Offered Fall, Spring

POL 350. History of Political Ideas. (3 Units)

A critical analysis of the major political philosophies and schools of thought from Plato to the sixteenth century. Examination of the political concepts of Plato, Aristotle, St. Augustine, St. Thomas Aquinas, and Machiavelli.

Offered Fall, Spring

POL 351. Modern Political Thought. (3 Units)

A study of principal political philosophers from the seventeenth century to the present. Special emphasis is given to writers such as John Stuart Mill and Karl Marx, whose concepts of political criticism have become predominant in the modern world.

Offered Spring

POL 352. Democratic Theory. (3 Units)

A comprehensive examination of the theory and practice of democracy. Students engage with various theoretical justifications for democracy, analyzing the various understandings of its strengths and weaknesses. Using these theories, students examine the various forms of democracy historically and globally.

Offered Spring

POL 354. American Political Thought. (3 Units)

A critical analysis of the political ideas that have emerged within the United States. Special attention is given to twentieth century political theories that aim to achieve social justice and/or alternative life styles through a restructuring of the economy.

Offered Fall, Spring

POL 355. Politics and Political Theory through Film. (3 Units)

Focuses on political theory and politics as presented through film. Students examine the various ways artists critique existing political and social structures, provide alternative visions, and challenge audiences to rethink their unexamined assumptions regarding human existence.

Offered Fall

POL 356. Political Theory and Science Fiction. (3 Units)

Explores how science fiction has explored perennial questions of political theory. Students engage with the books, films, and TV shows of the genre, and how these works challenge existing political structures and develop alternative visions.

Offered Fall

POL 357. Food Politics. (3 Units)

Explores the political, social, and ethical concerns surrounding food and food culture. Topics examined include: the ethics of consumption, food media, cultural appropriation, and race, identity and the representation in the restaurant industry.

Offered Fall

POL 360. American Constitutional Law: Distribution of Power. (3 Units)

An examination of the nature and development of the United States constitutional system. Emphasis on the role of the courts in interpreting the concepts of separation of powers, federalism, the police power, and the commerce clause.

Offered Spring

POL 361. American Constitutional Law: Civil Rights. (3 Units)

A study of fundamental rights as protected by the U.S. Constitution and other legal provisions. The role of the courts in interpreting freedom of expression and conscience, due process, and equal protection of the laws.

Offered Fall

POL 366. Criminal Law and Procedures. (3 Units)

Materials and cases treating Criminal Law and procedures within the context of the American policy. Systematic analysis of the role of the citizen in relationship to operational legal principles and procedures of Criminal Law. An emphasis on contemporary problems and recent court decisions.

Offered Infrequent

POL 370. Public Opinion and Propaganda. (3 Units)

The nature of public opinion and its manipulation by propaganda in modern society. Relations between government and other social institutions and the opinions of groups and individuals; the press, pressure groups.

Offered Spring

POL 371. Conflict, Violence, Nonviolence and Peace. (3 Units)

Examination of relevant theories and instances of aggression, sociopolitical conflict and conflict resolution, various types of political violence (as terrorism, revolution, urban riots) and nonviolence. Course will present an overview of all these topics, or focus on one topic in detail, such as terrorism, revolution, or nonviolence.

Offered Fall, Spring

POL 372. International Institutions. (3 Units)

Prerequisite(s): POL 335 required. An examination of the theories and practices of international institutions. The origins, structures, functions, and effectiveness of international institutions will be discussed. Major issues include war and conflict, global economy, environment, human rights, and global health.

Offered Fall

POL 373. International Political Economy. (3 Units)

An examination of the theoretical approaches to the study of international political economy and contemporary issues in the global economy. Major topics include international trade, international finance, economic development, multinational corporations, and globalization.

Offered Fall, Spring

POL 374. International Human Rights. (3 Units)

Prerequisite(s): POL 335 required. An examination of the historical evolution and practices of human rights in world politics. Emphasis on the dynamic interaction between governments, and international and domestic human rights institutions. The topics include political rights, torture, refugees, racism, environment, and women's rights.

Offered Fall, Spring

POL 375. Technical Policy and the Future. (3 Units)

Various humanistic, ethical, legal, and political-economic policy issues surrounding the use and future development of technology, in such areas as energy, food production, transportation, computers, communications, electronic surveillance, medicine, weaponry, and space. The issue of high technology vs. appropriate technology also global restructuring trends from technological change. Course will focus on one or more such technological topics depending upon the instructor.

Offered Infrequent

POL 380. Mock Trial I. (3 Units)

Students will be taught the basics of how to present a case in a simulated trial environment. Students will create opening and closing statements, and cross-examinations and direct examinations. Students will have the opportunity to participate as witnesses. Upper division status is recommended or consent of instructor is required.
Offered Infrequent

POL 401. Political and Public Sector Leadership. (3 Units)

Prerequisite: 12 units of upper division courses are required. This is an applied techniques, skills-development course. It blends ideas from several different sectors of political theory, public policy, public relations, conflict negotiation, and intercultural communication to teach students skills that are necessary for leadership roles.
Offered Spring

POL 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Independent study of a particular problem under the direction of a member of the Political Science Department. Course is not repeatable for credit in the Political Science major or minor.
Offered Fall, Spring

POL 495. Special Topics in Political Science. (1-3 Units)

An intensive study of an issue or a concept in political science that is of special interest to both the faculty member and the students. Repeatable course. Three hours of seminar per week.
Offered Fall, Spring

POL 496. Internships in Political Science. (3 Units)

Practical application of coursework in political science through supervised work and field experience in politics, government administration, public and private paralegal agencies such as offices of lawyers and judges, and community agencies. Repeatable course.
Offered Fall, Spring

POL 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.
Offered Infrequent

Portuguese (POR)

POR 110. Beginning Portuguese I. (3 Units)

Basic instruction in Portuguese. Training in speaking, listening, reading, and writing for students who have no previous work in Portuguese.
Offered Fall

POR 111. Beginning Portuguese II. (3 Units)

Prerequisite: POR 110 is required. Continuation of basic instruction in Portuguese (POR 110). Training in speaking, listening, reading, and writing for students with prior course in Portuguese.
Offered Spring

Psychology (PSY)

PSY 101. General Education Psychology: Understanding Human Behavior. (3 Units)

An introduction to psychology emphasizing the personal, cognitive and social development and functioning of the individual, and the influence of both physiological and social factors. Consideration of basic concepts and applications.
Offered Fall, Spring, Summer

PSY 110. Critical Thinking and Problem Solving. (3 Units)

Course is designed to improve critical thinking and problem solving skills such as deductive and inductive reasoning, probabilistic reasoning and decision-making. May include computer-assisted instruction. A-C-/NC grading.
Offered Fall, Spring, All terms

PSY 230. Elementary Statistical Analysis in Psychology. (3 Units)

The application of descriptive and inferential statistics to the design and analysis of psychological research.
Offered Fall, Spring, All terms

PSY 235. Intro To Research Methods. (3 Units)

Prerequisite: PSY 230 or MAT 131. Examination of the design, conduct and interpretation of research studies, both experimental and non-experimental, as demonstrated in a wide range of psychological phenomena. Includes a consideration of philosophy of science and preparation of research reports. Two hours of lecture and three hours of laboratory per week.
Offered Fall, Spring

PSY 240. Biopsychology. (3 Units)

Prerequisite: PSY 101 required. PSY 230, PSY 235 recommended. Course introduces the biological basis of human behavior providing information on the different physiological systems involved in behavior and cognition. An understanding of the human nervous system is central to this course.
Offered Fall, Spring

PSY 305. History and Systems of Psychology. (3 Units)

The study of the development of psychology as a discipline, and the influence of principal leaders and modern psychology.
Offered Fall, Spring

PSY 306. Design Your Life. (3 Units)

Prerequisite: PSY 101 required. Course is designed to help students prepare for the transition from the university to your first career. Students will critically examine their beliefs, build skills needed to achieve their career goals, and design plans for several careers.
Offered Fall, Spring

PSY 312. Theories Of Learning. (3 Units)

Consideration of the major theories of learning and their experimental bases.
Offered Infrequent

PSY 314. Behavior Modification. (3 Units)

Prerequisite: PSY 101 or equivalent. The application of principles and concepts from the experimental analysis of behavior to problems outside the laboratory. Each student will successfully complete a project.
Offered Fall, Spring

PSY 316. Behavioral Neuroscience. (3 Units)

Advanced study of the relationship between the brain and behavior. Focus on neuroanatomy, psychology, pharmacology and their application to cognition, emotion, learning, motivation, attention, executive function, perception and memory. Analysis of model organism and their application to neurodegenerative disease and the neurobiology of mental illness. Foundational experiments and recent discoveries in the field will be reviewed and discussed with a focus on how these findings relate to broader theories in the field.
Offered Fall, Spring, Summer

PSY 318. Stress Psychobiology. (3 Units)

This course covers the behavioral neurobiology of stress, including what stress is mentally and physically, how stress affects physiology and contributes to physical disease, and what factors moderate the stress experience and improve stress management (such as biofeedback).

PSY 320. Psychopharmacology. (3 Units)

Effects of drugs on mood, personality and behavior. Drug use in treatment of mental disorders in children, adults, and the elderly.

Offered Fall, Spring, Summer

PSY 322. Cognitive Psychology. (3 Units)

An introduction to theory and research in human information processing. Topics include attention, memory, neurocognition, mental representation, imagery, problem solving, reasoning, language, and other higher mental processes.

Offered Fall, Spring, Summer

PSY 324. Sensation & Perception. (3 Units)

Prerequisites: PSY 101 required. PSY 230, PSY 235 recommended. Study of sensory and perceptual processes in vision, touch, and hearing. Emphasis placed in how basic perceptual principles operate in everyday life as well as in lab settings.

Offered Fall, Spring

PSY 326. Neuropharmacology. (3 Units)

Required Prerequisites: PSY 101, PSY 230, PSY 235, PSY 240. Recommended Prerequisites: PSY 320. Advanced study of the chemical basis of behavior and mechanism by which drugs impact the biological aspects of an organism. Focus on pharmacokinetic and pharmacodynamic elements of neurochemical signaling, examining major drug classifications, with an emphasis on the biological dimensions of their action.

Offered Fall, Spring

PSY 328. Music and the Mind. (3 Units)

Survey of topics in the psychology and cognition of music/ Student will explore topics such as memory, attention, perception, imagery, language, and thinking as they relate to music, with special attention to cognitive, social dimensions, and identity.

Offered Fall, Spring, Summer

PSY 330. Intermediate Statistics and Research Design. (3 Units)

Prerequisites: PSY 230 or MAT 131 is required. The applications of statistical techniques to problems in the behavioral sciences. Discussion of problems in hypothesis formulation, sampling techniques, distribution-free statistics, multivariate data analysis, and presentation of results.

Two hours of lecture and two hours of laboratory per week.

Offered Fall, Spring

PSY 331. Measurement In Psychology. (3 Units)

Prerequisite: PSY 230 or MAT 131. Fundamentals of psychological measurement. Reliability, validity, item analysis, norms, and test construction and selection. Experience in administering, scoring, and interpreting tests of intelligence, aptitude, and personality. Two hours of lecture and two hours of laboratory per week.

Offered Fall, Spring, All terms

PSY 340. Social Psychology: Psychological Perspective. (3 Units)

A broad survey of theories and research areas in social psychology. Including such topics as aggression, prejudice, person perception, leadership and conformity.

Offered Fall, Spring, Summer, All terms

PSY 341. Social Cognition. (3 Units)

A review of theory and research focusing on mental processes that underlie how people make sense of themselves and others. Social cognition focuses on social interactions that involve people's judgments, beliefs, decisions, and behaviors in social situations.

Offered Fall, Spring, Summer

PSY 342. Interpersonal and Group Dynamics. (3 Units)

Methods, theories and research findings concerning interpersonal dynamics and the dynamics of small groups. The class will learn communication skills and participate in various aspects of group experience.

Offered Fall, Spring, All terms

PSY 350. Child Psychology. (3 Units)

The cognitive, psychological and social development of the child from birth to adolescence. Fieldwork at discretion of instructor.

Offered Fall, Spring, Summer

PSY 351. Psychology of Adolescent Experience. (3 Units)

Consideration of the major theories and research concerning development during adolescence. Emphasis on the development of personal identity as it relates to social roles in adolescence.

Offered Fall, Spring

PSY 352. Psychology of Adult Development and Aging. (3 Units)

Theories and research in adult development and aging, including the effects of physiological and socio-economic changes on psychological variables within an aging population.

Offered Fall, Spring

PSY 353. The Experience of Death and Dying: Psychological Perspectives. (3 Units)

Readings, discussion, and case studies in the psychodynamics of reactions to death and behavior patterns, coping with impending or recent death, loss, and grief; attitudes towards death and dying; the fear of death; children's responses to death.

Offered Spring

PSY 360. Theories Of Personality. (3 Units)

A study of basic theories of personality including type theories; trait theories; psychoanalytic, learning, biosocial, self and holistic-integrative theories.

Offered Fall, Spring, Summer, All terms

PSY 363. Abnormal Psychology. (3 Units)

The causes and manifestations of abnormal behavior. Field study and case study.

Offered Fall, Spring, Summer, All terms

PSY 367. Effective Communication Skills. (3 Units)

Training and practice in effective communication skills, such as active listening, accurate empathy, respect, genuineness, concreteness, assertion and message sending. Lecture will provide theoretical and empirical rationale for applied skills and techniques. Supervised small group practice will provide experience and feedback on applying such skills.

Offered Fall, Spring, All terms

PSY 368. Human Sexuality. (3 Units)

Course will cover the physiological and psychological aspects of human sexuality. The origin and treatment of sexual dysfunction will also be discussed.

Offered Fall, Spring, All terms

PSY 370. Health Psychology. (3 Units)

Prerequisite: PSY 101. Survey of the major findings and theories from the field of health psychology. Includes consideration of psychological, social, and cultural effects on health.

Offered Fall

PSY 371. Forensic and Legal Psychology. (3 Units)

Prerequisite: PSY 101 required. A survey of forensic and legal psychology including interrogations, eyewitness memory, forensics, the death penalty, the insanity defense, competency to stand trial, jury decision-making, and more. Emphasizes research on the importance of understanding and preventing wrongful convictions.

Offered Fall, Spring

PSY 372. Industrial and Organizational Psychology. (3 Units)

Survey of the application of psychology to organizations, personnel, work environments, buying, and selling, with particular attention to current issues.

Offered Fall, Spring

PSY 376. Psychology Of Gender. (3 Units)

Prerequisite: PSY 101 is recommended. Theory and research on the development of gender identity and gender differences and similarities. Includes role of ethnicity, cross-cultural evidence, and analysis of status and power differences favoring males.

Offered Fall, Spring

PSY 380. Psychology of the Mexican American I. (3 Units)

Prerequisite: PSY 340 is recommended. The psychological development and socialization of the Mexican American. The Mexican American as unique from both mother culture and dominant culture, especially a consideration of how language, color, and socio-economic class affect the individual.

Offered Infrequent

PSY 382. Psychological Development of the Black Child. (3 Units)

Unique environmental influences on the psychological development of the Black child, from the prenatal period through elementary school. Emphasis on social, intellectual and emotional growth.

Offered Spring

PSY 383. Black Psychology. (3 Units)

An investigation into the dynamics of the Black personality, and the influence of American social institutions. Focus on the various types of psychological adaptations, identity conflicts, problems of self esteem, and evaluation of Black consciousness.

Offered Fall

PSY 396. Practicum In Psychology. (3 Units)

Prerequisite: HUS 300 or consent of instructor. May not be taken concurrently with any other fieldwork course. Supervised work experience in applied psychology, with emphasis upon human services and educational settings. Supervision emphasizes training and application of clinical, interviewing, and other helping skills, didactic methods, group techniques, methods of evaluation and/or other skills specific to fieldwork needs. CR/NC grading. Repeatable course.

Offered Infrequent, All terms

PSY 411. Advanced Research Methods in Personality and Social Psychology. (3 Units)

Prerequisites: PSY 230, PSY 235, and PSY 340 or PSY 360; concurrent enrollment in PSY 412. Examination of selected areas of personality and social psychology, such as interpersonal attraction, self concept, and attitudes. Equips students to understand, evaluate and independently conduct research.

Offered Fall, Spring

PSY 412. Research Seminar in Personality and Social Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235; concurrent enrollment in PSY 411. Development of research skills in personality and social psychology including conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results. Three hours of seminar per week.

Offered Fall, Spring

PSY 413. Advanced Research Methods in Learning and Evolutionary Psychology. (3 Units)

Prerequisite(s): PSY 235 & PSY 230 required. Corequisite: PSY 414. An examination of the scientific synthesis of evolutionary biology of modern psychology, which offers a novel approach to such issues as short-term and long-term human mating strategies, short-term sexual strategies, conflict between the sexes, parental investment, aggression, and social dominance.

Offered Fall, Spring

PSY 414. Research Seminar in Learning and Evolutionary Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235 are required. Co-requisite: PSY 413 is required. Development of research skills for studying human behavior from the perspective of evolutionary biology, behavioral adaptations, and comparisons with other species. The course includes conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results.

Offered Fall, Spring

PSY 415. Advanced Research Methods in Cognitive Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235. Survey of cognitive psychology including intelligence, cognitive development, perception, reasoning, memory, problem solving, language, comprehension and decision making. Consideration of both Piagetian and information processing perspectives. Three hours of seminar per week.

Offered Fall, Spring, All terms

PSY 416. Research Seminar in Cognitive Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235; concurrent enrollment in PSY 415. Development of research skills in cognitive psychology, including conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results. Three hours of seminar per week.

Offered Fall, Spring, All terms

PSY 417. Advanced Research Methods in Biological Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235. Study of biological mechanisms underlying human behavior including physiology of various systems including nervous system, sensory and motor systems, endocrine system, with attention to applications and current advances in neuroscience.

Offered Fall, Spring

PSY 418. Research Seminar in Biological Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235; concurrent enrollment in PSY 417. Development of research skills in biological psychology, including conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results. Three hours of seminar per week.

Offered Fall, Spring

PSY 419. Advanced Research Methods in Forensic and Legal Psychology. (3 Units)

Prerequisite: PSY 230 and PSY 235 required. PSY 330 or PSY 331 recommended. Co-requisite: PSY 420 required. Explores the field of forensic and legal psychology including interrogations, eyewitness memory, forensics, the death penalty, the insanity defense, competency to stand trial, jury decision-making. Emphasizes research on preventing wrongful convictions and research methods employed to study
Offered Infrequent

PSY 420. Research Seminar in Forensic and Legal Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235 required. PSY 330 or PSY 331 recommended. Co-requisites: PSY 419 required. Development of research skills in forensic and legal psychology, including conception, design and conduct of studies, analyzing, organizing and evaluating findings and community results. Three hours of lab per week.
Offered Infrequent

PSY 464. Introduction to Clinical Psychology. (3 Units)

Prerequisite: PSY 363. An overview of psychology in the clinical situation. The scope, ethics, theories, and methods of clinical psychology.
Offered Fall, Spring, All terms, Fall

PSY 470. Community Psychology: Issues and Practice. (3 Units)

Prerequisite: PSY 363. Introduction to issues and concepts in community psychology, including the study of community organization and intervention programs.
Offered Fall, All terms

PSY 480. Sport Psychology. (3 Units)

An in-depth analysis and application of psychological principles and research in motivation, psychophysiology, personality, cognition, and emotion in sport settings.
Offered Fall, Spring

PSY 481. Applied Sport & Fitness Psychology. (3 Units)

Scientific research results in the field of psychology are used to illustrate how participation in sports and physical activity can facilitate psychological development and physical well-being.
Offered Infrequent

PSY 482. Psychology of Coaching and Team-Building. (3 Units)

Group processes, team-building techniques, leadership skills and interpersonal communication skills will be applied to enhancement of team sports performance and individual well-being.
Offered Infrequent

PSY 483. Contemp Issues in Sports and Fitness Psychology. (3 Units)

Psychological theories will be applied to the identification and treatment of problems people who participate in sports may have as well as applied to the promotion of mental health.
Offered Infrequent

PSY 486. Internship in Sport and Fitness Psychology. (3 Units)

Supervised application of psychological principles applied to sports and fitness to promote performance and optimal well-being. There are four prerequisite courses (PSY 480, PSY 481, PSY 482, PSY 483) that must be completed before registering for PSY 486S, Internship in Sport and Fitness Psychology. One of the four prerequisite courses sometimes can be taken concurrently with PSY 486S. Also, please notify the instructor of PSY 486S one semester before intending to register for this course so she can approve an internship site and supervisor for you plus you will need this instructor's consent before registering for PSY 486S.
Offered Infrequent

PSY 490. Senior Seminar Psychology. (3 Units)

Prerequisites: PSY 230, PSY 235, and PSY 330 or PSY 331 and senior standing. A seminar designed to integrate previous work and experience by emphasizing the application of theoretical models and research designs and the relationship among theory, research, and the dissemination of research findings. Three hours of seminar per week.
Offered Fall, Spring, Summer

PSY 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. A reading program of selected topics conducted under the supervision of a faculty member. Repeatable course.
Offered Fall, Spring

PSY 495. Seminar Special Topics. (3 Units)

Prerequisite: Consent of instructor. An intensive study of a psychological topic which commands the current focus of interest of both the faculty member and the students. If repeated, the course will count only once toward the major. Repeatable course. Three hours of seminar per week.
Offered Infrequent

PSY 496. Internship. (3-6 Units)

Prerequisites: PSY 396 or consent of instructor. May not be taken concurrently with any other fieldwork course. Survey of professional and ethical issues in the helping professions. Supervised internships in human services setting.
Offered Infrequent

PSY 497. Seminar in Peer Advising. (3 Units)

Prerequisite: Senior standing and completion of 15 units of Psychology. Training, supervision, and experience in peer advising. Emphasis on how to provide effective academic assistance and planning, with other helping and administrative skills also taught. Repeatable course. Three hours of seminar per week.
Offered Fall, Spring

PSY 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.
Offered Fall, Spring

PSY 510. Career Development in Clinical and Counseling Psychology. (3 Units)

Examines career development theories and techniques in clinical and counseling psychology. Course content will explore decision-making models and interrelationships among and between work, family and other life roles and factors, including the role of multicultural issues in career development.
Offered All terms, Fall

PSY 512. Professional and Legal Issues in Clinical and Counseling Psychology. (3 Units)

This course covers ethical standards for clinical and counseling psychology. The course will cover ethical standards of professional organizations and credentialing and licensing entities. Also included will be partner abuse assessment, detection and intervention strategies, and child abuse detection and reporting.
Offered As needed

PSY 516. Perceptual Processes. (3 Units)

Offered Infrequent

PSY 517. Seminar in Physiological Psychology. (3 Units)

Prerequisites: PSY 230 or MAT 131; PSY 417 and PSY 418. An advanced study of the physiological correlates of psychological phenomena including learning, motivation, emotion, sleep and personality. Three hours of seminar per week.
Offered Infrequent

PSY 520. Seminar in Psychopharmacology. (3 Units)

Prerequisite: PSY 320 and PSY 417 are recommended. The role of drugs on cognition, emotion, and behavior, with reference to their biochemical actions. Emphasis will be placed on psychoactive drugs, such as psychiatric medications, recreational drugs and over-the-counter drugs. Offered Fall

PSY 530. Advanced Analysis of Variance and Multivariate Techniques. (3 Units)

Prerequisites: PSY 330 or equivalent. PSY 235 is recommended. Corequisite: PSY 535 is recommended. Advanced analysis of variance including multifactor randomized groups and repeated measures designs, nested designs, analysis of covariance, multiple regression, multiple discriminant function, factor analysis. Offered Fall

PSY 535. Advanced Research Methods. (3 Units)

Prerequisites: PSY 230 or MAT 131; PSY 235; PSY 330 or equivalent is required; PSY 530 is recommended. Advanced research methodology; including experimental design, correlational and ex post facto studies: problems in research, e.g., generalization, significance, reliability; critique of research; and philosophy of science. Will include a directed research project. Offered Fall

PSY 540. Seminar In Social Psych. (3 Units)**PSY 550. Seminar in Developmental Psychology. (3 Units)**

Prerequisites: PSY 230 or MAT 131; PSY 235; PSY 350 or equivalent. Exploration and discussion of recent theoretical and research literature on topics such as early experience, intelligence vs cognition, gerontology, imitation and social development, and research on adolescence. Three hours of seminar per week. Offered Spring

PSY 551. Child and Adolescent Treatment: Theories and Practice. (3 Units)

Prerequisite(s): PSY 563 required. Co-requisite(s): PSY 550 recommended. An examination of major theories, research studies, and clinical interventions for working with children and adolescents. Highlighted throughout the course will be a focus on biopsychological and cultural factors that impact the mental health of children and adolescents. Offered Spring

PSY 555. Psychology and Aging. (3 Units)

Examination of psychological aspects of the aging process, with special emphasis on applied issues in aging research. Topics include: biological aspects of aging, health context of aging, mental health and aging, culture and spirituality, and care giving issues. Offered Fall

PSY 560. Seminar In Personality. (3 Units)

Offered Infrequent

PSY 563. Seminar in Psychopathology. (3 Units)

Prerequisite: PSY 363. Intensive analysis of theory and research in psychopathology. Various orientations, such as behavioral, psychophysiological, and existential will be explored. Three hours of seminar per week. Offered Fall

PSY 564. Advanced Psychotherapy Techniques. (3 Units)

Prerequisite: PSY 464 or PSY 563. Course will include an indepth coverage of techniques from two or more psychotherapeutic approaches. These approaches include the psychodynamic, humanistic, cognitive, and behavioral approaches. Emphasis is on concrete application of these approaches in short term counseling situations. Offered Spring

PSY 565. Psychology of Clinical Groups. (3 Units)

Exploration of different approaches to therapeutic intervention on a group level. Course will include an experiential laboratory component where students will have experience in leading groups using different theoretical orientations. Two hours of lecture and two hours of activity per week. Offered Spring

PSY 566. Indv Intellectual Assess. (3 Units)

Prerequisite: PSY 331. Techniques for administering, analyzing, and interpreting individual intellectual tests (such as the Wechsler and the Stanford- Binet) and psychomotor tests. Intensive supervised practice in administering the tests will be provided. Two hours of lecture, two hours of activity and fieldwork by arrangement per week. Offered Fall

PSY 567. Individual Assessment. (3 Units)

Prerequisites: PSY 563 and PSY 570. Study of techniques for administering, analyzing and interpreting personality tests and reporting test results. Supervised intensive practice in administering tests will be provided. Two hours of lecture with two hours of activity and fieldwork by arrangement per week. Offered Spring

PSY 570. Community Psychology: Current Theory and Issues. (3 Units)

Prerequisite: PSY 363 or PSY 470. Theory of the interaction between individual functioning and social system variables with emphasis on the changing role of the community mental health specialist and the community psychologist. Offered Fall

PSY 571. Practicum in Clinical-Community Psychology. (3 Units)

A case approach to issues in clinical community psychology coordinated with supervised experience. Some of the topics covered are diagnosis, interventions, ethics, laws, and cross-cultural counseling. Three hours of seminar plus supervised field work per week. Offered Fall, Spring

PSY 572. Sem Industrial/Organ Psy. (3 Units)

Offered Infrequent

PSY 573. Crisis and Trauma: Theories and Interventions. (3 Units)

Prerequisite(s): PSY 563 required. Introduces students to crisis and trauma counseling and includes examining: crisis theory; multidisciplinary responses to crises, emergencies, and/or disasters; effects of trauma; assessment strategies and treatment approaches; and interventions for individuals with mental or emotional disorders. Offered Spring

PSY 574. Practicum: Diversity Issues in Clinical and Health Psychology. (3 Units)

Examination of the impact of culture on mental health and on the therapeutic relationship. Race/ethnicity, culture, class, sexual/affectual orientation, ability status, and gender issues will be explored. Offered Fall

PSY 575. Theories of Health and Behavior. (3 Units)

Overview of the relationships among psychosocial factors, illness and health, based on research and theory from psychology, sociology, anthropology and biology. Topics include: stress, obesity and life-threatening illness.
Offered Spring

PSY 576. Seminar in Health Psychology Research. (3 Units)

Analysis and discussion of research in health psychology. Areas of research study will include: health promotion, coping mechanisms in chronic illness chronic pain, psychocardiology, immigrant and refugee health/psychosocial adjustment, and cultural issues in specific disease processes.
Offered Spring

PSY 580. Advanced Sport Psychology. (3 Units)

Prerequisites: Graduate standing and permission of instructor.
Psychological principles and research in motivation, psychophysiology, personality, cognition, development, emotion and group behavior applied to sport settings.
Offered Fall

PSY 585. Neuropsychology. (3 Units)

Overview of neuroanatomy, neuropathology, and clinical and experimental data on brain-behavior relationships.
Offered Fall

PSY 586. Addictions Counseling. (3 Units)

Co-requisite(s): PSY 585 recommended. Students will examine substance abuse and addiction disorders in multiple client populations. Additionally, co-occurring disorders, the effects of substances and addictions, and best practices for counseling and treatment will be examined.
Offered Fall

PSY 592. Teaching Psychology. (3 Units)

Prerequisites: Graduate standing and permission of Graduate coordinator.
Discussion of teaching/learning styles, educational issues, technological advances, teaching methods and materials, curriculum development, and evaluation of course, teacher and student. Repeatable course.
Offered Fall

PSY 595. Special Topics:. (3 Units)

Advanced course of special interest for psychology graduate students. Topic and content will vary as announced. Repeatable course. Three hours of seminar per week.
Offered Fall

PSY 596. Clinical Psychology Practicum. (3 Units)

Prerequisites: PSY 571 or PSY 574 is required; PSY 546 is recommended.
Field placement and clinical training in the applied use of theory, working with individuals and families and documentation skills. Students must have completed 12 units of coursework before beginning practicum and site must be approved by the MA Psychology program. Repeatable for credit.
Offered Infrequent

PSY 597. Directed Reading. (1-3 Units)

Prerequisite: Classified graduate standing. Assignment of a reading list formulated under the supervision of the instructor. Repeatable course.
Offered Fall, Spring

PSY 598. Directed Research. (1-3 Units)

Prerequisite: Classified graduate standing. Students will design and conduct research projects under the direct supervision of the instructor. Repeatable course.
Offered Fall, Spring

PSY 599. Thesis. (1-3 Units)

Prerequisite: Advancement to Candidacy. Thesis. Repeatable course.
Offered Fall, Spring

PSY 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Fall, Spring

Public Administration (PUB)

PUB 195. Special Topics in Public Administration. (3 Units)

This course provides an overview of special topics the field of public administration, which is concerned with the study of the implementation of public policies and the management of public organizations. Topic and content will vary as announced
Offered As needed

PUB 300. Foundations of Public Administration. (3 Units)

Analysis of the role of public administration within the American political system and of the concordant functions and responsibilities of public sector administrators; discussion of administrative ethics; overview of public sector administrative and managerial processes.
Offered Fall, Spring, Summer, All terms

PUB 301. Administrative Leadership and Behavior. (3 Units)

Study of human behavior in organizational settings; examination of how managerial/supervisory functions impact employee morale and productivity and overall organizational effectiveness. Primary areas of analysis include motivation, leadership, interpersonal and group dynamics, communication, and organizational power.
Offered Fall, Spring, Summer

PUB 302. Public Financial Administration. (3 Units)

Administrative and political considerations of fiscal policy, the budgetary process and fiscal controls, financial management and planning, government and the economy, intergovernmental fiscal relations and nature of grants-in-aid, alternate revenue sources, contemporary issues.
Offered Fall, Spring

PUB 303. Public Personnel Administration. (3 Units)

Study of policies, methods, and techniques in Public Personnel Administration; government personnel systems; manpower management; values in public career systems; concepts of man and work; motivation and morale; training; labor-management relations; contemporary issues.
Offered Fall, Spring

PUB 304. Administration of Public Policy. (3 Units)

Policy decisions and their implementation and evaluation, relationship of the branches of government and characteristics of bureaucracy.
Offered Fall, Spring, Summer

PUB 305. Applied Statistics in Public Administration. (3 Units)

Prerequisite: MAT 131. Role and application of statistical analysis in public management; review of mathematics and statistical functions; use of statistics in planning and decision-making functions; introduction to the uses and application of computer technology.
Offered Fall, Spring, All terms

PUB 306. Research Methods in Public Administration. (3 Units)

Introduction to research methods in social science and their application in public administration, including formulating research questions, reviewing literature, designing data collection processes, describing sample and population, conducting statistical analysis and writing research papers.

Offered All terms

PUB 307. Public Sector Ethics. (3 Units)

Introduction to government ethics, providing opportunities to develop ethical competence for careers in government and serves as a foundation for further study of government ethics.

Offered All terms

PUB 314. Compensation, Staffing, and Appraisal. (3 Units)

Prerequisite: PUB 303 or MGT 313. Review of concepts, approaches and techniques used to develop compensation programs in public organizations. Emphasis will be upon practices, legal requirements and guidelines for these specialized areas of personnel management.

Offered Fall, Spring, Summer

PUB 315. Labor-Management Relations in Government. (3 Units)

Developments in public employee unionization, collective bargaining laws and strategies, bargaining as a technical and political process, strikes and impasse machineries, employee organizations and public policy, administrative implication of public service unionism.

Offered Fall, Spring

PUB 324. Analytic Decision-Making. (3 Units)

Analytic and quantitative approaches to planning, evaluation, and decision-making; rational decision-making process as analytic framework for comparing alternative public policies and actions; public sector applications of selected quantitative methods, such as forecasting and cost-benefit analysis.

Offered Fall, Spring

PUB 329. Local Government Administration. (3 Units)

Introduction to the history, theory and practice of U.S. local government administration, including the changing structure, forms, and functions of local governments; the dynamics of intergovernmental, intersectoral, and interpersonal relationships; the tools and strategies that contribute to effective local government management and solution of problems.

Offered All terms

PUB 330. Urban Administration. (3 Units)

Structures and processes of administrative agencies in the urban setting, interagency relationships, administration of urban public services, functions and problems of the urban public executive.

Offered Fall, Spring

PUB 371. Introduction to Health Services Administration. (3 Units)

Basic administrative practices; concepts and theory of administration; role and responsibilities of management in planning, organizing, directing and controlling a health services program; examination of current policy issues; study of public policy formulation process; politics as a force of change.

Offered Fall, Spring

PUB 373. Health Policy. (3 Units)

Examination of current issues, trends, and problems in health care, including public policy on the national, state and local community levels. Emphasis will be given to the changing nature of medical care delivery, the policy formation process, professional dominance, and new developments in organizational forms.

Offered Fall

PUB 401. Economics for Public Service. (3 Units)

Introduction to the economics concepts for those interested in a career in public service. This course explores the economic principles behind societal problems and offers insights into how to solve them; how markets and prices allocate scarce resources to achieve efficiency and prosperity; discuss how markets can fail, and what the public can do to intervene and solve these market failures to improve social welfare.

Offered All terms

PUB 426. Intergovernmental Relations and Grant-Writing. (3 Units)

Analysis of financial and administrative relationships between different levels of government and between the public, non-profit, and private sectors. Discussion of developments in grants-in-aid, grantmanship strategies, grants management, resource development and evaluation. Application of knowledge through a grant proposal writing project.

Offered Spring

PUB 434. Administrative Planning. (3 Units)

A review of the techniques of administrative planning to include normative forecasting, planning and policy formation. The future environment of government services to include demands and resources will be explored within the framework of systems analysis and policy sciences.

Offered Fall, Spring

PUB 450. Nonprofit & Voluntary Sector. (3 Units)

Provides broad overview of the sector, its origin, size, composition, and role in American Society and elsewhere. This course also reviews theories of the sector and its conceptual underpinnings (i.e., its philosophical, political, economic, and social basis in American society) in some depth along with historical and religious foundations. We will also look at such issues as why people organize, give financial support and donate time.

Offered Fall, Spring

PUB 451. Managing the Nonprofit Organization. (3 Units)

Prerequisite: PUB 450 (recommended). This course aims to understand the important role of nonprofit organizations in American society and the growing impact of non-governmental agencies around the world. It addresses the opportunities for and challenges to organizational effectiveness and is designed to reflect the interests and needs of nonprofit staff, board members, volunteers, and those who are seeking to make an impact with their financial contributions.

Offered Fall

PUB 452. Fundraising & Fund Development. (3 Units)

Prerequisites: PUB 450; PUB 451 (recommended). This course examines key aspects of the fundraising process for nonprofit organizations- major theoretical foundations and general fundraising principles as well as a variety of fundraising techniques, sources of donations, and aspects of managing the fundraising process. The course combines applied and conceptual readings and provides students with opportunities to apply concepts and techniques through a series of service-learning portfolio assignments in collaboration with area nonprofit organizations.

Offered Infrequent

PUB 490. Senior Seminar in Public Administration. (3 Units)

Prerequisite: Senior status. Integrative course emphasizing application of administrative concepts and principles through use of case study analyses and simulation. Based upon student interest, course may be structured to address specific concentration areas. Three hours of seminar per week.

Offered Fall, Spring

PUB 494. Independent Study. (1-3 Units)

Prerequisite: Consent of department chair. Independent investigation of a research problem or directed readings in a selected area of public administration. CR/NC grading.

Offered Fall, Spring, Summer

PUB 495. Special Topics. (1-3 Units)

Prerequisite: Consent of instructor. An intensive study of an issue, concept or administrative technique that is of interest to both students and faculty of public administration.

Offered Fall, Spring

PUB 496. Internship Practicum. (3 Units)

Prerequisite: Consent of department chair. Supervised internship in a public agency. A written project related to the internship experience is required. CR/NC grading.

Offered Fall, Spring

PUB 498. Directed Research in Pub Admin. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course

Offered Infrequent

PUB 500. Environment and Practice of Public Administration. (3 Units)

History and development of the field of public administration, and the context of operations and the functions of management. The practice of management will focus on the political environment, management theory, planning, organizational structure, resources, decision-making and policy analysis.

Offered Fall, Spring

PUB 501. Public Management. (3 Units)

Structural overview of the functioning and skill requirements for contemporary managers in public and nonprofit sectors; examination of the basic management functions from a comparative perspective; emphasis on communication and critical thinking through action-based approaches.

Offered Fall, Spring

PUB 502. Administrative Theory and Behavior. (3 Units)

Prerequisites: PUB 500 and PUB 501 are recommended. Historical overview of Organizational Theory and Public Administrative Theory and analysis of the theoretical perspectives that have characterized these fields; discussion of various theories, concepts, and models that can be used to analyze organizations and to improve organizational effectiveness.

Offered Fall, Spring

PUB 503. Introduction to Research Methods in Public Administration. (3 Units)

Introduction to empirical research design in the social sciences, and public administration in particular. Students will learn to assess the use of both qualitative and quantitative research in social sciences and discuss the epistemological principles that underlie different approaches to research.

Offered All terms

PUB 504. Quantitative Methods in Public Administration I. (3 Units)

The first course in a two-course sequence on quantitative methodology in Public Administration (the subsequent course is PUB 505). The goal of this two-course sequence is to explore a variety of statistical methods that are useful for managerial planning, decision-making, and public policy analysis.

Offered Fall, Spring

PUB 505. Quantitative Analysis in Public Administration II. (3 Units)

Required Prerequisite: PUB 504. This is the second course in a two-course sequence on quantitative methodology in Public Administration (the previous course is PUB 504). The goal of this two-course sequence is to explore a variety of statistical methods that are useful for managerial planning, decision-making, and public policy analysis.

Offered Fall, Spring, Summer

PUB 506. Administration and Public Policy Analysis. (3 Units)

Prerequisite: PUB 505. Application of analytical tools to the solution of public management problems, introduction to general models of policy analysis, integration of solutions into administrative processes in government; policy studies cases.

Offered Fall, Spring

PUB 508. Public Human Resources Management. (3 Units)

Managing the human resources of a public agency with emphasis on selected activities of recruiting, staffing, evaluating, compensating, motivating and training the work force. Procedures and legal requirements for collective bargaining, affirmative action, and equal opportunity will be explored. Three hours of seminar per week.

Offered Fall, Spring

PUB 510. Public Budgeting. (3 Units)

Examination of methods, processes and problems in the budgeting and administration of public revenues, revenue generation, forecasting, cost control; emphasis on the political, economic and managerial aspects of public budgeting.

Offered Fall, Spring

PUB 512. Foundations of Ethical Administration. (3 Units)

Examination of the foundations of ethical administration, including evaluation and application of ethical theories to public sector issues. Course provides opportunities for students to think reflectively, recognize ethical problems, and gain skills to effectively deal with political and administrative problems.

Offered Fall, Spring

PUB 520. Leadership in the Public Sector. (3 Units)

Prerequisites: PUB 501 and PUB 502 are required. Overview of the theoretical and practical foundations of leadership in the public sector. Emphasizes the knowledge and skills needed to effectively lead within public and nonprofit organizations.

Offered Fall, Spring

PUB 522. Financial Management in the Public Sector. (3 Units)

Prerequisite: PUB 510. Course offers survey of financial management functions in state and local government such as accounting, fund structures, debt and cash management, and financial reporting. Course provides a theoretical and practical introductions to financial analysis and management in the public sector.

Offered All terms

PUB 524. Strategic Management and Planning in Public and Non-Profit Organizations. (3 Units)

Course aims to prepare current and future managers of public and/or non-profit organizations by focusing in the knowledge, skills, values, and perspectives needed to manage organizations strategically. The course provides an introduction to the theory and application of strategic planning and management in the public and non-profit sectors.

Offered All terms

PUB 526. Collab Governance. (3 Units)

Course examines theoretical foundations and practical models of collaborative management in local government. Students will collect and review relevant literature fro inter-government relations, public management, and public/private partnerships, and apply findings to a policy issue in local government.

Offered All terms

PUB 527. Fundamentals of Qualitative Research. (3 Units)

Prerequisite: PUB 500 is required. Introductory course on the most important concepts and methods of qualitative research. Involves reading and discussion of presentations and examples of qualitative research and a qualitative research project.

Offered Spring

PUB 528. Economics for Public Managers. (3 Units)

This course aims to demystify economics for managers in the public and nonprofit sectors. This course will provide you with the economic principles to better analyze and understand problems facing public managers. You will learn why markets can be so successful in allocating scarce resources and achieving efficient market and social welfare outcomes. You will learn how individuals, firms and government, as producers, consumers, and regulators, interact at the microeconomic level, and why macroeconomic concepts such as inflation, unemployment, economic growth, interest rates, and are important to understand. You will also learn how governments can intervene to solve market failures and hence improve social welfare.

Offered All terms

PUB 570. Administration of Health Care Organizations. (3 Units)

This course will examine issues associated with health care management responsibilities, functions and leadership. This course will analyze the administrative process, accountability, equity, ethics, and diversity issues in health care administration.

Offered Fall, Spring

PUB 572. Legal Issues in Health Care Administration. (3 Units)

This course defines the foundation, scope, and boundaries of health care policy with an emphasis on public health care systems and the Patient Protection and Affordable Care Act. Students will explore the differences between local, state, and federal health policy levels.

Offered Fall, Spring

PUB 574. Health Care Financial Management. (3 Units)

This course provides a comprehensive overview of the financial structure, market forces, and techniques in health care financial management.

The courses is intended for students without a background in financial management.

Offered Fall, Spring

PUB 580. Nonprofit Leadership and Management. (3 Units)

Prerequisites: PUB 500 and PUB 501 are recommended. Provides an overview of the nonprofit sector and addresses leadership and management issues. Emphasizes the context, institutional setting of the sector and nonprofit governance, leadership, ethics, marketing, strategic communications, advocacy, lobbying, program evaluation and human resource management.

Offered Fall, Spring

PUB 582. Public and Nonprofit Financial Management. (3 Units)

Prerequisite: PUB 510 is required. Examines financial management functions in government and nonprofit organizations, such as financial planning, accounting, cost control, fund structures, debt and cash management, financial reporting, and financial trend monitoring.

Offered Fall, Spring

PUB 584. Fundraising and Development for Nonprofit Organizations. (3 Units)

Prerequisites: PUB 500 and PUB 502 are required. Examines key aspects of the fundraising process, techniques and management, such as sources of donations, planning, development, fund goal-setting, major gifts, capital campaigns, trustee participation, and managing the fundraising process.

Offered Fall, Spring

PUB 592. Capstone: Integrative Seminar in Public Administration. (3 Units)

Prerequisite: Completion of MPA Core courses. Integrative course that emphasizes the interrelationships between the academic field of public administration and administrative practice. Course includes case study analysis and individual and group integrative projects. Three hours of seminar per week.

Offered Fall, Spring

PUB 594. Independent Study. (1-3 Units)

Prerequisite: Consent of MPA Program coordinator. Independent investigation of a research problem or directed readings in a selected area of public administration. CR/NC grading. Repeatable course.

Offered Fall, Spring

PUB 595. Special Topics In Public Administration. (3 Units)

Prerequisite: Consent of MPA Program coordinator. Intensive study of a specialized area of Public Administration (e.g., Urban Administration, Criminal Justice Administration) or a selected topic in contemporary public management. Three hours of seminar per week. Repeatable course.

Offered Fall, Spring

PUB 596. Internship Practicum. (3 Units)

Prerequisite: Consent of MPA program coordinator. Supervised internship working with a cooperating government agency in a function germane to public administration. Sessions are held to discuss and analyze the problems with which interns are concerned. A written project related to the internship is required. CR/NC grading.

Offered Fall, Spring

PUB 599. Honors Thesis. (3 Units)

Prerequisites: Grade point average greater than 3.80 and consent of MPA program coordinator. Thesis relating to public administration. CR/NC grading.

Offered Fall, Spring

PUB 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of the MPA coordinator required.

Offered Fall, Spring

Pupil Personnel Services (PPS)

PPS 501. Leadership in School and College Counseling. (3 Units)

Required Co-requisite: PPS 525. This course examines the roles of the counselor within the field of school and college counseling, including the counselor as leader and advocate for students, community, and the counseling profession. Leadership and professionalism will be explored against the context of the history and foundations of the profession, the core requirements necessary to become school and college counselors, and the various employment opportunities and settings in educational counseling.

Offered Fall

PPS 505. Human Diversity. (3 Units)

Examines the counselor's role in serving diverse student populations within educational systems, including implicit and explicit bias; understanding one's impact upon cross-cultural relationships; and the necessity for social justice and advocacy by counselors. Restricted to majors.

Offered Fall, Spring

PPS 508. Law and Ethics in Educational Counseling. (3 Units)

Examines ethical, legal and professional issues in educational counseling, as well as implications for minority group and cross-cultural counseling.

Offered Fall

PPS 512. Consultation and Collaboration in Counseling. (3 Units)

Prerequisite: GED 500 and PPS 525. Prepares counseling students to apply knowledge of theories, models, and processes of consultation and collaboration. Students will develop communication, interpersonal, and problem-solving abilities to work with teachers, administrators, families, and other community professionals. Restricted to majors.

Offered Fall

PPS 515. Counseling Theories. (3 Units)

Examines major theories within the counseling field in relation to individual personality and development, with a focus on application to school and college settings. Restricted to majors.

Offered Spring

PPS 520. Program Development and Evaluation in Counseling. (3 Units)

Training in the development, implementation, and evaluation of counseling programs within schools and colleges, including the use of needs assessments, testing, and data to improve student outcomes.

Restricted to majors.

Offered Fall, Spring

PPS 525. Group Dynam Pers Growth. (3 Units)

Provides a personal growth experience for students based on readings and group participation. The experiential aspects of the course will provide the basis for an analysis of group dynamics and application of techniques for understanding self and others, as well as developing good interpersonal skills. CR/NC grading. Non-Repeatable. Restricted to majors.

Offered Fall

PPS 530. Sem Tech of Indiv Counsel. (3 Units)

Prerequisite: PPS 525. An advanced course in counseling techniques appropriate for use in educational and community settings. Students will practice various counseling techniques used to establish a positive relationship with clients and assist them in making desired life changes. Three hours of seminar per week. Restricted to majors.

Offered Fall, Spring

PPS 535. Seminar in Career and Academic Counseling. (3 Units)

Provides knowledge and skill in career and academic counseling, with emphasis on the roles of the high school and college counselor in student advisement. Includes overview of college admissions advisement, transfer requirements, computer applications for academic and vocational information, and career theories and assessments. Restricted to majors.

Offered Fall, Spring

PPS 536. Foundations of College Counseling. (3 Units)

Prerequisite: PPS 525 is required. Examines the role of the college counselor within higher education and provides a conceptual and historical overview of student development, including student affairs, student services and special populations.

Offered Spring

PPS 537. College Counseling Practicum. (3 Units)

Prerequisite: PPS 525 is required. Supervised practice in the varying functions of college counseling, including field based experiences providing academic, personal/social, and career counseling on a college campus. CR/NC grading.

Offered Fall, Spring

PPS 538. Fieldwork in College Counseling. (3 Units)

Prerequisites: PPS 525, PPS 530, PPS 535, PPS 536 and PPS 537 are required. Advanced field experience directly related to the functions and responsibilities of college counselors. Experience a minimum of two different settings within a college campus is required. CR/NC grading. Repeatable for credit.

Offered Spring

PPS 540. Sem: Tech Group Counsl. (3 Units)

Prerequisites: PPS 515 and PPS 530. An advanced course in group counseling techniques appropriate for use in educational and community settings. Developmental issues as they relate to counseling. Approaches for remedial and preventive counseling. Three hours of seminar per week.

Offered Fall, Spring

PPS 545. Comprehensive School Counseling. (3 Units)

Prerequisites: GED 500 and PPS 525 are required. Examines the fundamental elements of a comprehensive school counseling program as aligned to the national school counseling model. Prepares counselors to provide direct and indirect services in K-12 schools, including prevention and intervention strategies, responsive services, and data-driven decision-making. Restricted to majors.

Offered Spring

PPS 550. Crisis Intervention in Educational Settings. (3 Units)

Prerequisites: GED 500 and PPS 525. Intensive training in prevention/intervention strategies for educational and community settings with an emphasis on reducing risks associated with violence and crisis.

Offered Spring

PPS 554. School Counseling Practicum. (3 Units)

Prerequisites: GED 500 and PPS 525. Supervised practice using individual and group counseling interventions for academic, social, emotional, and behavioral problems of children and youth. Candidates participate as leaders of simulated student study teams. CR/NC grading. Three hours of seminar per week.

Offered Fall, Spring

PPS 555. Child Welfare and Attendance Fieldwork. (3 Units)

Co-requisites: PPS 557 and PPS 558 are required. Field experience directly related to the functions and responsibilities of Child Welfare and Attendance counselors. Students will work with pupils to apply and implement school attendance improvement strategies and truancy intervention measures and procedures. CR/NC grading. Offered All terms, Infrequent

PPS 556. Funct Analy and Behvr Chng. (3 Units)

Prerequisites: PPS 512 and PPS 564. In this advanced course, candidates apply behavioral theory in the analysis of the antecedents, consequences, and functions of serious behavior problems from an ecological perspective. Procedures for designing, implementing and evaluating the effectiveness of academic and/or behavioral accommodations or intervention programs are an emphasis in this course, as are the creation of positive interventions, and the teaching of replacement behaviors based on legal mandates. Offered Infrequent

PPS 557. Child Welfare and Attendance. (3 Units)

Prerequisites: PPS 554 is required. Co-requisites: PPS 558 is required. Provides an overview of the professional, legal, and ethical responsibilities of Child Welfare and Attendance counselors, including program leadership, collaboration and partnerships, and assessment and evaluation of barriers to student learning and attendance. Fieldwork component is required in public school and agency settings. CR/NC grading. Restricted to majors. Offered Fall

PPS 558. School Attendance Improvement and Truancy Remediation: Prevention and Intervention. (3 Units)

Prerequisites: PPS 554 is required. Corequisite: PPS 557 is required. Examines strategies for Child Welfare and Attendance counselors to remove barriers to student learning and improve school attendance, with a focus on intervention support for students and families. Fieldwork component is required in public school and agency settings. CR/NC Offered Fall

PPS 559. Assessment Theory and Techniques for Linguistically and Culturally Different. (3 Units)

Prerequisites: SPE 560, SPE 460 and PPS 520. Theories and techniques for assessing pupils with diverse cultural and linguistic backgrounds. Issues related to second language development, bilingual, cognitive language development and socio-linguistic factors affecting language usage. Three hours of seminar per week. Offered Infrequent

PPS 560. MS Counseling Capstone Requirement. (3 Units)

An advanced course in fulfillment of the culminating requirement for the master's degree in counseling. Students will demonstrate competency in the application of comprehensive counseling content and skills through action research, oral, written analyses. Offered Spring

PPS 562. Practicum in School Psychology I. (3 Units)

Prerequisites: PPS 520 is required. Administration, scoring and beginning interpretation of tests of psychological processing and ability/cognition as well as alternative instruments and measurements. Candidates demonstrate appropriate assessment practices through supervised practice. Experiences shadowing credentialed school psychologists and providing service learning within the public school setting is required for 150 hours or more. Offered Infrequent

PPS 564. Seminar in Multicultural Educational Assessment and Evaluation. (3 Units)

Prerequisite: PPS 520 and PPS 562. Interpretation of ecological evaluations for pupils from diverse backgrounds with an emphasis on cross validation of results. Observations, review of records, interviews, and assessment results are considered when complete psycho-educational evaluations are written and orally presented with recommendations, goals and objectives. Offered Infrequent

PPS 566. Practicum in School Psychology II. (3 Units)

Prerequisite: PPS 520, PPS 530, PPS 562 and PPS 564. Preschool Assessment and experience with additional standardized and alternative methods appropriate for school aged children. Presentation of cases for simulated IEP meetings. Advanced experiences shadowing school psychologists and service learning within the public schools brings practica total to 450 hours. Offered Infrequent

PPS 571. Multicultural Case Study Methods in School Psychology. (3 Units)

Prerequisites: PPS 520, PPS 562 and PPS 564. Issues related to second language development and the assessment of English Language Learners are applied in case studies. Appropriate selection of ecological evaluations, recommendations, and standards based goals continue for a variety of eligibility categories. Simulated IEP meetings require oral presentation. Offered Infrequent

PPS 572. Assessment and Intervention for Autism, Emotional, and Behavior Disorders. (3 Units)

Prerequisites: PPS 512 and PPS 564. Differential diagnosis of Autism, emotional disturbance and behavioral disorders. Administration and interpretation of assessments appropriate for these disabilities. Specialized interventions such as discrete trial, social stories, TEACCH, and floor time are an emphasis. Classroom observations for specialized classroom management approaches and motivational systems. Offered Fall

PPS 575. Fieldwork in School Counseling. (6 Units)

Prerequisite: Consent of instructor. Supervised school counseling field experience in a minimum of two different public school settings. Fieldwork candidates will gain direct counseling practice working with students, families, and school personnel to address the academic, socio-emotional, and career needs of students. CR/NC grading. Repeatable course. Offered Fall, Spring

PPS 576. ADV Research Meth School Psych. (3 Units)

Prerequisite: GED 500. Review and critique of educational research and the major approaches to educational research for the School Psychologist. Proposals for action research projects and program evaluations are created which may be later implemented during thesis projects and or credential internship or fieldwork. Offered Infrequent

PPS 577. Internship in School Counslg I. (3 Units)

Prerequisites: consent of instructor. For students with arrangements with the public schools for emergency credential. A beginning experience in the field as a certified school counselor in multicultural settings at the elementary or secondary level. Offered Infrequent

PPS 578. Internship in School Counslg II. (3 Units)

Prerequisite: PPS 577. An advanced experience in the field as a certified school counselor. Arrangements completed with public schools for emergency credentials.

Offered Infrequent

PPS 585. Fieldwork School Psych. (3 Units)

Prerequisite: Consent of instructor. Supervised training in elementary and secondary school settings. Students must complete a minimum of 90 days of fieldwork and meet competency requirements in psycho-educational assessment, planning and evaluation, counseling, consultation, and behavior management. Course is repeatable for credit until all competencies are completed. CR/NC grading. Repeatable course.

Offered Infrequent

PPS 595. Special Topics. (3 Units)

Prerequisite: PPS 536 is recommended. Restricted to majors. Topics vary by section and semester. See class schedule for title and prerequisites. Repeatable course. Three hours of seminar per week.

Offered As needed

Quality Assurance (QAS)

QAS 200. Fundamentals of Quality. (3 Units)

A study of the fundamentals of Quality with an emphasis on the current international standards, planning, organizations, methods and tools. Emphasizes the works of leading international Quality theorists, especially Juran and Deming.

Offered Fall, Spring, Summer

QAS 220. Fundamentals of Measurement Science. (3 Units)

Prerequisites: MAT 131. Introductory overview of the fundamentals of measurement with emphasis on application of measurement science concepts to quality management. Upper Division

Offered Fall, Spring, Summer

QAS 312. Interpretation of Technical Documentation. (3 Units)

Prerequisites: MAT 153, QAS 200, QAS 220. Interpretation of basic engineering drawing concepts, including all related common symbolism and formatting. Emphasis on dimensions, tolerances, and configuration management. Introduction to Military and Federal Specifications/ Handbooks, ANSI, IEC, and ISO documents, specifications and recommended practices issued by private organizations.

Offered Spring

QAS 325. Technical Communications. (4 Units)

Prerequisites: ENG 110, THE 120. Technical communications, written and oral, and how they differ from non-technical writing and speech. Emphasizes methods for the positive and unambiguous transfer of technical ideas so that they can be clearly understood by the reader or listener.

Offered Summer

QAS 330. Statistical Quality Control and Inspection. (3 Units)

Prerequisites: MAT 131, QAS 200, QAS 220. Introduction to the application of statistical methodologies to the analysis and solution of quality and management problems (including probability concepts, control charts, and sampling). Focus will be on application of these tools to the inspection process.

Offered Fall

QAS 331. The Manufacturing Process. (3 Units)

Prerequisites: QAS 312. Introduction to the fundamentals of manufacturing, where the conversion of raw materials and sub-assemblies into more useful entities adds value to the converted materials in the most efficient manner, using the least amount of time, money, space and manpower.

Offered Fall

QAS 332. Electrical Metrology. (3 Units)

Prerequisites: MAT 131, PHY 122, QAS 200, QAS 220. Electrical measurement concepts, circuits and devices; applications to DC and AC measurements. Theory of coupled circuits in magnetic and capacitive environments, and electrical laboratory practices, with analysis, construction, and troubleshooting of circuits. Documentary control procedures for calibrations and other measurements.

Offered Spring

QAS 335. Quality Auditing. (3 Units)

Prerequisites: QAS 200. The fundamental principles for preparing and planning, conducting, reporting and closing quality audits. Quality audit tools and techniques are introduced, with an emphasis on generally-accepted quality audit practices that support business performance.

Offered Fall

QAS 340. Measurement Uncertainty. (3 Units)

Prerequisites: MAT 131, MAT 153, QAS 200, QAS 220. Theoretical versus actual measurements. Probability and statistical concepts to define accuracy, precision, error, uncertainty, and bias. Differences between measurement accuracy and measurement error; random and systematic error; uncertainty interval; tolerance limits; accuracy ratio; relative errors; and propagation of measurement errors.

Offered Spring

QAS 347. Dimensional Metrology. (3 Units)

Prerequisites: PHY 122, QAS 200, QAS 220. Measurement of length, angularity, relative position, flatness, parallelism, concentricity, squareness, and threads. Lasers and optical tooling in large-scale measurements; also gauges, comparators, and measurement machines. Measurement uncertainties pertinent to dimensional metrology; sources of error; the effect of the measurement environment.

Offered Infrequent

QAS 350. Physical Metrology. (3 Units)

Prerequisites: PHY 122, QAS 200, QAS 220. Theoretical and practical applications of measurement principles as applied to various physical properties. Measurement of pressure, mass, force, torque, temperature, humidity, flow, and rotational motion. Identifying sources of error, techniques to minimize errors and maintaining measurement traceability.

Offered Infrequent

QAS 355. Safety and Reliability. (3 Units)

Prerequisites: MAT 131, MAT 153, QAS 200, QAS 220. Reliability, maintainability, and safety technology with practical industrial applications. Basic models; metrics; testing; methods of implementing improvements; accelerated life testing. Failure mechanisms for chemical, electro-chemical, electronics, electro-mechanical and opto-electronics systems. Introduction to software reliability. Focus on qualification for ISO 9000.

Offered Spring

QAS 360. Fundamentals of Lean Manufacturing. (3 Units)

Prerequisites: QAS 200, QAS 220. Deals with the strategies and practices of lean production, as well assess with areas of waste, interrelationships among the various components of a system, theories of leadership and management of people, and process variation.

Offered Spring

QAS 395. Selected Topics in Quality Assurance. (1-4 Units)

Prerequisite: Consent of Instructor. An intensive study of an issue, concept, or theory in Quality Assurance that is of special interest to both the faculty member and the student. Repeatable course.

Offered As needed

QAS 427. Quality Improvement. (3 Units)

Prerequisites: QAS 200, QAS 220. Quality factors involving customer satisfaction, demonstrating that meeting quality needs requires and active role by all the major sectors of an organization. Operational and statistical techniques most often used to monitor, control, and improve the quality of products or services.

Offered Fall

QAS 445. Systems Failure Analysis. (3 Units)

Prerequisites: QAS 200 and QAS 220. Integrates Quality, Manufacturing and Procurement efforts to identify and eliminate the root causes of failures in systems, sub-systems and components, emphasizing fault tree and Pareto analyses. Hardware and statistical analysis, design of experiments, and technical data package evaluations.

Offered Fall

QAS 450. Value Based Quality. (3 Units)

Prerequisites: QAS 200, QAS 220 and consent of instructor. Used value received, as perceived by the customer, as the primary measure of quality in the development of cohesive enterprise-wide quality management systems. A systemic approach to establishing the correct things to do and a measurement-based process for implementation.

Offered Spring

QAS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor. Independent study of a particular problem under the direction of a member of the Quality Assurance Department. Repeatable course.

Offered Infrequent

QAS 495. Selected Topics in Quality Assurance. (1-4 Units)

Prerequisites: Consent of instructor. An intensive study of an issue, concept, or theory in Quality Assurance that is of special interest to both the faculty member and the students. Repeatable course. Three hours of lecture per week.

Offered Fall, Spring

QAS 496. Internship in Quality Assurance. (3 Units)

Prerequisites: Completion of all 300 level courses in the major. Assignment in an off-campus internship with a cooperating organization, to be selected in consultation with the program coordinator. Emphasis on the role of professionalism and ethics in the life of the quality professional.

Offered Infrequent

QAS 498. Directed Research in Q.A.. (3 Units)

Prerequisites: Completion of all 300 level courses in the major. Directed research on one or more topics to be selected in consultation with the program coordinator. Emphasis on the role of professionalism and ethics in the life of the Quality professional.

Offered Fall, Spring

QAS 499. Senior Project. (3 Units)

Prerequisites: QAS 496 or QAS 498. A capstone project focusing on the role of leadership in relation to professionalism and ethical standards in the field of Quality Assurance. Graduate

Offered Fall, Spring

QAS 510. Advanced Probability and Statistics. (3 Units)

Prerequisites: undergraduate calculus, Probability and statistics. A study of measures of central tendency and dispersion, important discrete and continuous probability distributions, sampling theory, hypothesis testing and estimation. Linear regression and correlation will also be covered. The uses of statistics in testing, inspection, and production will be identified.

Offered Fall, Spring

QAS 511. Quality Function Management and TQM. (3 Units)

A study of the functions and responsibilities of the quality organization. TQM concepts, quality function deployment, and the tools for continuous improvement are analyzed for sequence of use and development.

Offered Fall, Spring, Summer, All terms

QAS 512. Reliability. (3 Units)

Prerequisite: QAS 510. Overview of reliability engineering. Use of mathematical models of predictions, confidence assessment, and systems reliability. Emphasis on practical applications for product or system design.

Offered Fall

QAS 513. Statistical Quality Control and Sampling. (3 Units)

Prerequisite: QAS 510. The application of advanced statistical methodologies to the analysis and solution of quality and management problems, including probability theory, control charts, sampling, regression analysis and the design of experiments. Focus on statistical process control and related quality technologies.

Offered Fall, Spring, Summer

QAS 514. Advanced Experimental Design. (3 Units)

Prerequisite: QAS 510. Analysis of statistical experimental design strategies. Planning of experiments for the best strategy and objectives.

Offered Fall, Spring, Summer

QAS 515. Human Factors in Quality Assurance. (3 Units)

A comprehensive survey of human factors engineering theory, research and applications which are of particular relevance to quality assurance. A systems framework will be utilized, emphasizing feedback and interrelations among system components, including the human operator. Emphasis will be placed on operator constraints in the design of work processes, workplaces and instrumentation.

Offered Fall, Spring, Summer

QAS 516. Measurement and Testing Techniques. (3 Units)

Prerequisite: QAS 510 or consent of instructor. In-depth discussion of equipment, principles and techniques of measurement assurance.

Offered Fall, Spring, Summer

QAS 518. Quality Project Management and Productivity. (3 Units)

An in-depth examination of current theory and techniques in QA project management. Topics include description of project management techniques as well as procedures for evaluating their overall effectiveness and contributions to production and service quality.

Offered Fall, Spring, Summer, All terms

QAS 521. Process Control and Capability. (3 Units)

Prerequisites: QAS 513 and QAS 514. Detailed study of procedures and methods for performing machine and process capability studies, troubleshooting production and test problems, and maintaining continuous production and process evaluation in manufacturing operations.

Offered Infrequent

QAS 522. Applied Systems Reliability, Maintainability and Safety. (3 Units)

Prerequisite: QAS 512. Advanced and detailed analysis of appropriate reliability models, life-cycle reliability prediction and assessment, accelerated test models and techniques, test parameter variation studies, test tailoring and program plans for various reliability test types, maintainability concepts, prediction and assessment techniques, and safety programs.
Offered Infrequent

QAS 523. Software Reliability. (3 Units)

A study of the theory and applications of reliability concepts as they relate to software design and implementation.
Offered Fall

QAS 525. ISO 9000 & The Audit Function. (3 Units)

Prerequisite: QAS 511 is recommended. A study of the ISO 9000 series of quality system standards with emphasis on manufacturing and service industry applications. The studies address the standards interpretation, documentation and implementation including preparation for and creation of internal and external audits.
Offered Fall

QAS 526. Supplier Quality Assurance. (3 Units)

Prerequisite: QAS 511. Encompasses a study of the fundamental quality requirements attendant to the successful procurement and delivery of end item products or services. It includes the basic supplier issues of specifications, site inspection, selection, rating, certification, and related quality audits.
Offered Spring

QAS 527. Quality Measurement. (3 Units)

Prerequisite: QAS 511. Study of Quality Metrics and their application throughout the life cycle of a product or service in a business entity. The study includes Quality Standards, Customer Satisfaction, Quality Tools, Continuous Improvement, Cost of Quality, Supplier and System auditing.
Offered Summer

QAS 530. Statistical Quality Control (SQC) for Service Professionals. (3 Units)

Techniques for applying Statistical Quality Control (SQC) in controlling processes and delivering customer services. Examines methods for establishing and maintaining SPC, QC auditing and sampling and continuous improvement in various service industries.
Offered Fall, Spring

QAS 531. Customer Satisfaction and Quality Assurance. (3 Units)

In-depth study of current methods for obtaining customer satisfaction. Examines techniques of determining customer needs and development of customer service strategy Quality Control criteria.
Offered Fall, Spring

QAS 532. Quality Assurance of the Service Delivery Process. (3 Units)

Analyze processes used to deliver service and methods used to assure satisfaction. Examines the relationship of Strategic Quality Planning, the Delivery process, and the usage of TQC and Quality Assurance to achieve strategic goals.
Offered Fall, Spring

QAS 534. Change Management. (3 Units)

Prerequisite: QAS 511 is recommended. In depth analysis of current theory, empirical research and best practices related to effective implementation of Quality improvement methodologies that result in desired organizational change, both cultural and operational.
Offered Summer

QAS 535. Lean Manufacturing. (3 Units)

Prerequisite: QAS 511 is recommended. In depth study of the theory and practices of lean production. Covers waste minimization, interrelationships among various components of a system, theories of leadership and management, and process variability reduction.
Offered Spring

QAS 536. Six Sigma Principles and Applications. (3 Units)

Prerequisite: QAS 510 OR QAS 511 are required. QAS 511 is recommended. In depth study of the application of the six sigma process; covers content of the methodology areas of Define Measure, Analyze, Improve and Control (DMAIC) including team concepts, project management, advanced statistical process control and techniques, and measurement systems analysis.
Offered Summer

QAS 537. Quality Function Deployment: Understanding Customer Requirements. (3 Units)

Prerequisite: QAS 511 is recommended. In depth study of the theory and application of the quality management process, Quality Function Deployment, for designing customer requirements into products and services. Course will evaluate the tools of QFD and study their application in analysis of customer requirements.
Offered Summer

QAS 538. Evaluation and Outcome Analysis for Healthcare Delivery. (3 Units)

Examines operational and statistical techniques used to monitor, control, and improve the quality of services provided by healthcare. Considers the tools of Quality and their direct application to practical situations and healthcare processes.
Offered Spring

QAS 539. Good Manufacturing Practices. (3 Units)

Prerequisite: QAS 511 is recommended. Current Good Manufacturing Practice regulations to assure quality of medical devices and pharmaceutical products. Covers development, manufacturing, Quality management and organizational requirements of medical devices. Pharmaceutical regulations include personnel, facilities and equipment, process and product controls, laboratory and reporting.
Offered Spring

QAS 540. Food and Drug Law. (3 Units)

Prerequisite: QAS 511 is recommended. This course is designed to provide a practical interpretation of the food and drug laws and interpretations for professionals who are providing products or services in industries regulated by the Federal Food & Drug Administration.
Offered Spring

QAS 541. Biomedical Quality Control Methods. (3 Units)

In depth study of quality control discipline as applied to medical device, pharmaceutical and/or biologics regulated environments. Topics include influencing discipline and applying models; methods that monitor, maintain and/or improve product or service quality; and operational efficiency.
Offered Fall

QAS 542. Risk Management in FDA Regulated Industries. (3 Units)

Prerequisite: QAS 511 is recommended. Risk Management as applied to FDA-regulated and other industries (product and process-related); emphasizes application of risk management tools, plan and program from inception of product and process including manufacturing process and field experience of the product, process or service.
Offered Spring

QAS 543. Identification and Mitigation of Suspect and Counterfeit Items. (3 Units)

Prerequisite: QAS 511 is required. Designed to distinguish the characteristics of suspect/counterfeit items (S/CI) and how to mitigate and prevent their occurrences through the development of corrective and preventative action plans into common quality management systems by applying quality tools and methodologies.,
Offered Summer

QAS 544. Digital Transforming Quality 4.0 with Industry 4.0. (3 Units)

Prerequisite: QAS 511 is required. Examines contemporary process-related issues and assesses how to develop a digital organizational self-assessment through the application of quality tools and methodologies that contribute to continuous improvement and organizational excellence as appropriate in Industry 4.0.
Offered Fall

QAS 545. Laboratory Conformity Assessment. (3 Units)

Prerequisite: QAS 511 is required. Evaluates the various systems for laboratory accreditation and certification in compliance with industry and government regulatory requirements to assure safe and reliable products and services are provided for both industry and consumers through assessment and appraisal techniques.
Offered Fall

QAS 546. Case Studies in Quality. (3 Units)

Prerequisite: Completion of 18 units in MSQA program. Provides students an opportunity to apply their MSQA acquired skills to encourage and enhance dialogue, reinforce comprehension, bridge the gap between theory and practice, develop analytical and critical thinking skills, and to solve practical industry-related problems.
Offered Fall, Spring

QAS 553. Lean Accounting & Financial Analysis. (3 Units)

Focus on the application of Lean Six Sigma concepts and techniques to help in the problem-solving challenges that confront today's quality professionals. Builds a strong foundation for the quality professional in any sector.
Offered Fall, Spring

QAS 591. Credit for Prior Learning: Quality Auditing. (3 Units)

The Certified Quality Auditor (CQA) is a professional certification from the American Society of Quality (ASQ). Students holding this certification satisfy the elective course QAS 525. The ASQ CQA must be current when entered into the student transcripts.
Offered As needed

QAS 592. Credit for Prior Learning (CPL) Quality Measurement. (3 Units)

The Certified Manager of Quality-Organizational Excellence (CMQ-OE) is a professional certification from the American Society of Quality. Students holding this certification satisfy the elective course QAS 527. The ASQ CMQ-OE must be current when entered into the student transcript.
Offered As needed

QAS 593. Credit for Prior Learning (CPL) Six Sigma Principles and Applications. (3 Units)

The Certified Six Sigma Black Belt (CSSBB) is a professional certification from the American Society of Quality (ASQ). Students holding this certification satisfy the elective course QAS 536. The ASQ CSSBB must be current when entered into the student transcript.
Offered As needed

QAS 594. Ind Study In Assurance Science. (1-4 Units)

Prerequisites: Instructor and program Coordinator approval; QAS 510, QAS 511 and a minimum of five QAS courses recommended. Independent research or special project to be conducted in consultation with an instructor.
Offered Infrequent

QAS 595. Special Topics by Directed Study: Quality Assurance Applications. (3 Units)

A course of study designed cooperatively by student and instructor, and approved by the Program Coordinator, in which students apply quality assurance theory and principles to a particular occupational setting relevant to their professional interests and aspirations. Repeatable course. Three hours of lecture per week.
Offered Infrequent

QAS 598. Directed Research. (3 Units)

Prerequisites: Completion of 18 units toward degree and GWAR. Directed reading and research, designed cooperatively by student and instructor and approved by the program coordinator, emphasizing application of Quality Assurance theory and principles to a particular occupational setting.
Offered Fall, Spring, Summer

QAS 599. Project. (3 Units)

Prerequisites: Completion of all other coursework in the degree program. The goal of all students enrolled in this culminating experience course is to complete a project under the guidance of an assigned instructor. It is the culminating learning experience of the program, and includes a significant written report. To meet the standards established by the faculty, the project must demonstrate a rigorous scientific approach to the quality profession.
Offered Fall, Spring

QAS 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who may have other requirements remaining for completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program director required.
Offered Fall, Spring, Summer

Radiologic Imaging Sciences (RIS)

RIS 501. RIS Physics and Instrumentation. (3 Units)

Basic sciences of radiologic professions including physics, instrumentation, data capture and management. Includes discussions of modalities in radiography, nuclear medicine, radiation therapy, ultrasound, and CVIS.
Offered Fall, Spring

RIS 502. RIS Sciences I. (3 Units)

Imaging techniques, technological advances in the radiologic/imaging sciences, patient care trends, and the role of a radiologic and imaging sciences professional.
Offered Fall, Spring

RIS 503. RIS Sciences II. (3 Units)

Integrated modalities in the radiologic professions such as CT, MRI, SPECT/CT, PET/MRI, IMRT, 3D imaging and teleradiology. Healthcare legal, regulatory, and ethical issues are also discussed.
Offered Summer

RIS 510. RIS Research Methods and Data Analysis. (3 Units)

Introduction to radiologic and imaging science research methods, data analysis, as well as current research trends and publications in the field. Offered Fall, Spring

RIS 511. Informatics in Radiologic Imaging Sciences. (3 Units)

Introduction to Health Information Technology (HIT), Radiology Information Systems (RIS) and Picture Archive and Communication Systems (PACS). Includes basic information system technology as well as clinical and administrative application of healthcare information systems in radiologic and imaging sciences. Offered Fall, Spring

RIS 520. RIS Management. (3 Units)

Introduction to principles of management with emphasis on its applications in radiologic and imaging department administration. Offered Fall, Spring

RIS 521. RIS Leadership. (3 Units)

Introduction to principles of leadership with emphasis on its applications in radiologic and imaging department administration. Offered Fall, Spring

RIS 522. Clinical Practice Accreditation. (3 Units)

Application for and maintenance of clinical professional accreditation of clinical operations. Emphasis is on the role of the radiology administrator. Offered Fall, Spring

RIS 530. Pedagogy and Andragogy in RIS. (3 Units)

Principles and practice of effective teaching, curriculum development and evaluation in radiologic and imaging sciences. Offered Fall, Spring

RIS 531. Radiologic and Imaging Sciences Program Administration. (3 Units)

Orientation to academic program directorship, faculty development, student affairs, academic affairs, the higher education system in the US and how colleges and universities in the US work. Topics include scholarship, advisement, teaching as well as faculty recruitment retention and development. Offered Fall, Spring

RIS 532. RIS Academic Program Accreditation. (3 Units)

An introduction to accreditation of radiologic and imaging sciences academic programs. Topics include outcome assessments, benchmarking, Self-Study preparation, applying for and maintaining accreditation, and accreditation site visits. Offered Fall, Spring

RIS 540. CT Physics, Instrumentation and Procedures. (3 Units)

In-depth study of the physical principles and instrumentation in CT. Offered Fall, Spring

RIS 541. Advanced Topics in CT. (3 Units)

CT artifacts, reconstruction algorithms, 3-D imaging, angiography and radiation safety are discussed. Offered Fall, Spring

RIS 542. CT Clinical Applications. (3 Units)

A discussion on clinical application of CT. Topics include central nervous system, cardiovascular, gastrointestinal, genitourinary, hepatobiliary, musculoskeletal, and cardiac systems. Offered Fall, Spring

RIS 550. MRI Physics & Instrumentation. (3 Units)

In-depth study of the physical principles and instrumentation in MRI. Offered Fall, Spring

RIS 551. Advanced Topics in MRI. (3 Units)

MRI artifacts, magnetic resonance angiography and MRI safety are discussed. Offered Fall, Spring

RIS 552. MRI Clinical Applications. (3 Units)

A discussion on clinical application of MRI. Topics include central nervous system, cardiovascular, gastrointestinal, genitourinary, hepatobiliary, musculoskeletal, and cardiac systems. Offered Fall, Spring

RIS 560. Ultrasound Physics and Instrumentation. (3 Units)

Emphasizes principles of physics and instrumentation of diagnostic ultrasound. Topics including sound wave parameters, energy transfer through wave propagation, surface reflection processes, and transducer construction. Includes an overview of A-mode, B-mode, and M-mode. Offered Fall, Spring

RIS 561. Advanced Topics in Ultrasound. (3 Units)

Discussion of computer technology and the instrumentation used to create and store the ultrasound image and introduction to fluid dynamics, and the spectral, color and amplitude related to Doppler. Includes discussions about echo cardiology. Offered Fall, Spring

RIS 562. Ultrasound Clinical Applications. (3 Units)

Topics include abdominal, OB/GYN, cardiac and vascular sonographic techniques. Offered Fall, Spring

RIS 570. PET/CT Physics and Instrumentation. (3 Units)

Introduces the physical principles and instrumentation used in computed tomography and PET. Topics include the physics associated with PET, PET technology, an overview of computed tomography technology, and computer reconstructions algorithms. Offered Fall, Spring

RIS 571. PET Radiopharmaceuticals. (3 Units)

A discussion of the radiopharmaceuticals and CT contrast used in PET/CT. Emphasis is on chemistry of positron-emitting nuclides and radiopharmaceuticals, the physiological interactions of radiopharmaceuticals, and iodinated contrast media in patients. Patient safety, patient screening, and radiation safety are included. Offered Fall, Spring

RIS 572. PET/CT Clinical Applications. (3 Units)

Encompasses the interrelated aspects of performing PET/CT procedures. Includes anatomy, physiology and pathology of the organ systems, patient preparation and care, imaging instrumentation and protocols. Offered Fall, Spring

RIS 580. Radiation Therapy Physics and Treatment Planning. (3 Units)

Basic principles of ionizing radiation, radiation dosimetry, imaging equipment, radiation therapy equipment and radiation detectors. Offered Fall, Spring

RIS 581. Principles and Practices of Radiation Therapy I. (3 Units)

The fundamentals of clinical radiation oncology are discussed including the medical, biological, and pathological aspect as well as technical aspects. Topics also include the diagnosis, interpreting and implementing the treatment prescription, and documentation of treatment parameters for various physiological systems. Offered Fall, Spring

RIS 582. Principles and Practices of Radiation Therapy II. (3 Units)

A continuation of RIS 581. Introduces Proton beam therapy, Intraoperative Radiotherapy (IORT), and Gamma Knife radiosurgery. Offered Fall, Spring

RIS 590. Practicum. (1-3 Units)

Observing and applying discipline specific clinical, educational or managerial principles in a patient care or academic setting. Restricted to majors.

Offered Fall, Spring, Summer

RIS 597. Directed Reading. (3 Units)

Extensive reading in selected areas under the guidance of a faculty mentor. Restricted to majors. Repeatable course.

Offered Fall, Spring, Summer

RIS 598. Directed Research. (3 Units)

Extensive research on a subject related to the student's area of concentration under the guidance of a faculty advisor. Restricted to majors. Repeatable course.

Offered Fall, Spring, Summer

RIS 599. Capstone Project. (3 Units)

Prerequisite: Enrolled in the final semester of the degree program. A radiologic science related, practical project proposed by the student and approved by the advisor.

Offered Fall, Spring, Summer

RIS 600. Grad Continuation Course. (1 Units)

Graduate students who have completed course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Reading (RDG)

RDG 501. Foundations of Reading Instruction and Research. (3 Units)

This foundation course emphasizes advanced study of literacy research, theory, and practice related to components of the literacy acquisition process (oral language; reading comprehension, fluency, word recognition, and vocabulary development; written language content form, and use).

Offered Fall, Spring

RDG 502. Word Study and Fluency. (3 Units)

Use an inquiry-based approach to understand the challenges of language learning and word study with diverse populations. Includes a systematic analysis of word formation, syntax, semantics, grammar and spelling in the English language.

Offered Fall, Spring

RDG 503. Comprehension and Study Skills. (3 Units)

Prerequisite: RDG 501 and RDG 502 are required. Current theory and research on the relationship between comprehension and literacy acquisition / proficiency are explored. Instructional / intervention strategies and materials to support writing and comprehension at the early, intermediate, and fluent levels are studied.

Offered Fall, Spring

RDG 505. Reading Fieldwork / Practicum. (3 Units)

Prerequisites: RDG 501, RDG 502, RDG 503 and RDG 504 are required. Field experience with beginning readers, English learners and students with learning difficulties. Includes methods for meeting the needs of struggling readers and / or writers at both early and intermediate levels, and the tutoring or small-group instruction of these students.

Offered Fall, Spring

RDG 510. Advanced Study of Early Writing and Literacy. (3 Units)

An advanced analysis of classical and current literacy theory and practice is conducted. The analysis includes examining the relationship between current issues, emerging research findings in early literacy and related disciplines, and theoretical models of early literacy acquisition.

Offered Fall, Spring

RDG 511. Advanced Study of Adolescent Writing and Literacy. (3 Units)

An advanced analysis of literacy theory and practice examining the relationship between issues in adolescent literacy, emerging research in adolescent literacy and related disciplines, the needs of diverse student populations, and the psychological and sociolinguistic aspects of writing and reading.

Offered Fall, Spring

RDG 512. Supervision, Leadership and Evaluation. (3 Units)

Prerequisites: RDG 510 and RDG 511 are required. Examines varied roles and responsibilities of the Specialist, including intervention, curriculum development, supervision, program development and leadership. A comprehensive, staff development model will be developed and a segment of that model will be presented in a staff development format.

Offered Fall, Spring

RDG 513. Specialized Advanced Study of Reading. (3 Units)

Prerequisites: RDG 510, RDG 511 and RDG 512 are required. Students choose a focus in biliteracy, special education, African American English, adolescents or English Learners and conduct an action research project in that area. Students implement, analyze and report of the action research project.

Offered Fall, Spring

RDG 514. Advanced Clinical Experience. (3 Units)

Prerequisites: RDG 510, RDG 511, RDG 512, and RDG 513 are required. A comprehensive intervention based on formal and informal assessments and a research-based, balanced model of literacy instruction is designed for a student experiencing severe difficulty with literacy acquisition. The intervention includes interactions with guardians, instructor and classmates.

Offered Fall, Spring

RDG 592. Qualitative / Quantitative Research in Reading. (3 Units)

Course in both quantitative and qualitative research in reading and literacy. It is designed to give students the opportunity to show mastery of social science methodologies.

Offered Fall, Spring

Recreation & Leisure Studies (REC)

REC 100. Dimensions Of Leisure. (3 Units)

Investigation of leisure, recreation, and personal and social adjustments to leisure. Examination of use and misuse of leisure. Students develop personal philosophy of recreation and increase awareness of impact of leisure on American society.

Offered Fall, Spring, Summer, All terms

REC 260. Outdoor Education. (1 Units)

Introduction to outdoor education activities including camping, hiking, backpacking, environmental discovery and selected outdoor survival skills. Emphasis on leadership techniques, group dynamics, team building activities, program planning and evaluation. Field trips required. Two hours of activity per week.

Offered Fall, Spring

School Leadership (SLP)

SLP 550. Induction Preliminary Leaders. (2 Units)

Students will develop an induction plan designed to meet the individual's needs as an instructional leader. The induction plan will include the assessment of the individual's professional needs to become an urban school leader. Students will analyze the CCTC Program Standards and the ISLLC national standards and plan and create their professional development plan.

Offered Fall

SLP 551. Visionary Leadership. (3 Units)

Recommended prerequisite: SLP 550 or concurrent enrollment. Students facilitate the development, articulation, implementation and stewardship of a vision of teaching and learning that is shared and supported by the school community. Coursework and fieldwork focus on the vision audit through collecting data, constructing profiles, and aligning resources.

Offered Fall

SLP 552. Instructional Leadership. (3 Units)

Recommended prerequisites: SLP 550 and SLP 551 or concurrent enrollment. Students learn how to advocate, nurture and sustain a school culture and instructional program conducive to student learning and staff professional growth. Coursework and fieldwork focus on the implementation of state adopted academic content standards, frameworks as well as assessment and accountability systems.

Offered Fall

SLP 553. Organizational Leadership and Resource Management. (3 Units)

Recommended prerequisites: SLP 550, SLP 551 and SLP 552 or concurrent enrollment. Students learn how to ensure the management of the organization, operations and resources for a safe, efficient, and effective learning environment. Coursework and fieldwork focus on the study and application of organizational theory that reflects effective leadership.

Offered Spring

SLP 554. Collaborative Leadership. (3 Units)

Recommended prerequisites: SLP 550, SLP 551, SLP 552, and SLP 553. Students will learn to work effectively with families, caregivers and community members; recognize the goals and aspirations of diverse families; respond to diverse community interests and needs. Through coursework and fieldwork, student will examine and evaluate their attitudes toward people of different races, cultures, and ethnic backgrounds. Students will focus on improving student achievement regardless of race, culture, or socio-economic status.

Offered Spring

SLP 555. Ethical Leadership. (3 Units)

Prerequisites: SLP 550, SLP 551, SLP 552 and SLP 553. Students will examine, practice and model a personal code of ethics, including protecting the rights and confidentiality of students, staff, and families. Students will practice professional leadership capacity, including shared decision-making, problem-solving and conflict management and foster those skills in others. Through coursework and fieldwork, students will have multiple opportunities to model personal and professional ethics, integrity, justice and fairness.

Offered Spring

SLP 556. Political, Social, Economic, Legal and Cultural Leadership. (3 Units)

Prerequisites: SLP 550, SLP 551, SLP 552 and SLP 553. The student will learn about political, societal, economic, legal and cultural influences on schools. Through these interconnections, the student develops the ability to understand, respond to, and influence the larger political, social, economic, legal and cultural context of schools and leadership. The student will learn how to view himself or herself as a leader and as a member of a team by engaging in course work and field work that provide opportunities to both lead and work collaboratively.

Offered Fall

SLP 557. Post-Assessment, Preliminary Leadership. (2 Units)

Prerequisites: SLP 554, SLP 555, and SLP 556 or concurrent enrollment. Students provide evidence of their competency in all CCTC Program Standards and all six of the CPSELs. The course-ending formative assessment and program-ending summative assessments of their field-based project and portfolio will become part of the students' school leadership electronic portfolios. CR/NC grading.

Offered Spring

SLP 560. Fieldwork A, Preliminary Leadership. (2 Units)

Recommended corequisite: SLP 550, SLP 551, SLP 552, and SLP 553. Supervised field experiences at the school level to include actual job performance in both supervision and administrative work. Students will demonstrate competencies specified in approved programs. CR/NC grading.

Offered Fall

SLP 561. Fieldwork B, Preliminary Leadership. (2 Units)

Recommended corequisite: SLP 554, SLP 555, SLP 556 and SLP 557. Supervised field experiences at the school level to include actual job performance in both supervision and administrative work. Students will demonstrate competencies specified in approved programs. Second semester of two part course. CR/NC grading.

Offered Spring

SLP 580. Professional School Leadership: Pre-Assessment, Induction. (2 Units)

The candidate, the university faculty member, and the site mentor together develop a professional credential induction plan for the support and professional development for the candidate based on the six themes of the 2004 CCTC Professional Standards.

Offered Fall, Spring, Summer

SLP 581. Principles of Professional Administrative Practice: Six Themes. (3 Units)

Corequisite: SLP 580. This course has a strong conceptual base and is organized to address principles of administrative practice per CCTC's six thematic areas. Specialization and individualization occur by determining specialized strands and individualized learning opportunities as specified in the candidate's induction plan. CR/NC grading.

Offered Fall, Spring, Summer

SLP 582. Professional School Leadership: Post-Assessment. (2 Units)

Prerequisite: SLP 580 and SLP 581. The expectations developed in candidate's induction plan aligned are assessed to determine if the CCTC professional standards are satisfied. Candidate expectations will be different for each candidate, depending on past experiences, current job assignments, and future development goals and plans.

Offered Fall, Spring, Summer

Science, Math and Tech (SMT)

SMT 310. Science and Technology. (3 Units)

Prerequisite: Completion of lower division General Education. An assessment of the interrelationships of Science and Technology. Study of the development of technological advances and the scientific principles behind them.

Offered Fall, Spring, Summer

SMT 312. Natural Disasters. (3 Units)

Prerequisite: Completion of lower division General Education. Impact of natural events on human activities and vice versa. Mankind's uneasy relationship with atmosphere, oceans and not-so-solid Earth. Will include study of earthquakes, volcanoes, floods, landslides, tsunamis, climate change, hurricanes, tornadoes and wildfires.

Offered Fall, Spring

SMT 314. Introduction to Cosmology. (3 Units)

Prerequisite: Completion of lower division General Education. An introduction to the major theories of the origin and structure of the universe and the evidence for them, with attention to the way earlier ideas have been incorporated in modern thought. The Big Bang Theory will be examined in depth.

Offered Fall, Spring

SMT 410. Development of Scientific Thinking and Theories. (3 Units)

Reviews the processes that have lead to the development of significant theories in science. Historical and scientific look at such developments, illustrating the adaptability of the scientific method. Addresses the philosophical implications of such developments and their impact on society.

Offered Fall, Spring

SMT 416. Earth Science For Teacher. (3 Units)

Prerequisite: Completion of lower division General Education. Study of planet Earth including such topics as geology, volcanoes, earthquakes, fossils, oceanography, weather, and astronomy as appropriate for elementary and junior high school teachers. Two hours of lecture and three hours of laboratory per week.

Offered Fall, Spring

Social & Behavioral Sciences (SBS)

SBS 316. Social Change. (3 Units)

Prerequisite: Completion of lower division General Education. Analysis of processes of social change, cultural development and cultural persistence using social science perspectives. Examples of topics include cultural evolution, industrialization, modernization, acculturation and assimilation.

Offered As needed

SBS 318. Cultural Pluralism. (3 Units)

Prerequisite: Completion of lower division General Education. Analysis of cultural diversity and the processes of cultural interaction, inter-ethnic relations and social integration on the community, national and international levels. Repeatable for up to nine units with different topics.

Offered Fall, Spring, Summer, All terms

Sociology (SOC)

SOC 101. The Individual In Society. (3 Units)

An introduction to the study of self, socialization, and social interaction. Interpersonal relations and the structure of social roles; deviance and normality in everyday life.

Offered Fall, Spring, All terms

SOC 102. Understanding Social Relationships in a Global Perspective. (3 Units)

Dynamics and histories of basic institutions of society such as the family, work, economy, education, class, crime, race, culture and gender. Course content focuses on the global and comparative aspects of these institutions.

Offered Fall, Spring, All terms

SOC 220. Analytical Statistics. (4 Units)

Prerequisite: Algebra I is recommended. Statistical techniques for the description and analysis of sociological data. Tabular, graphic, and parametric analytical procedures. Three hours lecture and three hours laboratory per week.

Offered Fall, Spring, All terms

SOC 302. Workshop in Social Research. (3 Units)

Prerequisites: Consent of instructor is required; SOC 220, SOC 305, SOC 355 are recommended. Workshop in research methods and theory applied to actual research projects culminating in public reports. Repeatable course. Six hours of workshop per week.

Offered Fall, Spring, All terms

SOC 303. Qualitative Methods. (3 Units)

Use and application of unstructured, structured, and participant observation methods to sociological phenomena. Unobtrusive and non-reactive procedures of research.

Offered Infrequent

SOC 304. Computer Applications. (3 Units)

Prerequisite: SOC 220 or its equivalent is recommended. Applications of computers in the Social Sciences; data processing, modeling, simulation, data base management, bibliographic searches. On-line and batch applications. One hour of lecture and four hours of activity per week.

Offered Infrequent

SOC 305. Methods Of Soc Research. (4 Units)

Prerequisite: SOC 220. Examination of methods employed in the investigation of sociological phenomena. Consideration of the research process as a whole, including quantitative and qualitative techniques. Includes supplemental workshop. Three hours of lecture and two hours of activity per week.

Offered Fall, Spring, All terms

SOC 306. Program Evaluation. (3 Units)

Emphasis on the role of program evaluation in decision making, improvement, and accountability. Students will become involved in evaluation activities.

Offered Infrequent, All terms

SOC 307. Micro Computer Data Base Applications in Social Science. (3 Units)

Exploration of individualized data base systems for social science. Creation and management of data base files, both user generated and commercial software. Emphasis on the usefulness of the microcomputer in storing, accessing and analyzing social science data, report generation and accessing mainframe archives. One hour of lecture and four hours of activity per week.

Offered Infrequent

SOC 308. Field Applications Socio. (3 Units)

Offered Infrequent

SOC 309. Writing Skills in Sociology. (3 Units)

Introduction to basic research and presentational skills of sociology and social and behavioral sciences. Skills development in research and writing, using library and other data sources, organizing projects, writing reports. One hour of lecture and four hours of activity per week.

Offered Infrequent

SOC 310. Social Stratification. (3 Units)

Offered Infrequent

SOC 311. Global Organizations and Social Processes. (3 Units)

Examination of processes of globalization and contemporary social systems in a global context. This includes corporations, education, the family, the global economy, the military, religion and social movement organizations. Attention given to patriarchy, post-colonialism, race and ethnicity.

Offered Fall, Spring, All terms

SOC 315. Sociology Of Work. (3 Units)

Sociological analysis of work in industrial society. Examination of the labor force, industrial organization, occupational roles, and careers. Consideration of impact of technological change.

Offered Fall, Spring, Summer, All terms

SOC 316. Sociology Of Adult Life: Aging. (3 Units)

Prerequisite: SOC 101 or SOC 102 is required. The developmental processes occurring throughout the life-cycle with special focus on problems and issues surrounding middle and old age. Utilization of demographic, cross-cultural, family, community, and societal studies to explore the social dimensions of aging.

Offered Fall, Spring

SOC 317. Class Status Power & Work. (3 Units)

Offered Infrequent, All terms

SOC 320. The Family. (3 Units)

Study of the social processes and structural patterns affecting contemporary family life in American society.

Offered Fall, Spring, Summer, All terms

SOC 321. Sociology Of Education. (3 Units)

Examination of the organization and functions of educational institutions, comparison of American educational systems with educational systems in industrial and developing nations. Special attention given to the impact of schools on the life choices of culturally diverse groups.

Offered Fall, Spring

SOC 322. Social Environment of Education. (3 Units)

An integrative study of socialization factors of the young child from various backgrounds and patterns of relationships between the teacher, parent, and community figures in culturally diverse situations.

Offered Fall, Spring, All terms

SOC 325. Sociology Of Religion. (3 Units)

Study of religion from sociological perspective: how religions are enacted and expressed as social and cultural events; the relation of religion to social structures; emphasis of the awareness of religion as an aspect of complex multiethnic society.

Offered Infrequent

SOC 326. Sociology Of Medicine. (3 Units)

Social and cultural aspects of health, health behavior, and health organizations. Research on the distribution of disease in society, organization of health professions, social change, health care, stress and disease. Examination of social and cultural factors affecting utilization and structure of health services.

Offered Fall, Spring

SOC 327. Sociology of Sports. (3 Units)

In this course, sports is examined as a social institution. This course provides an analysis of the organization and social functions of sport, popular sports media and history. It examines how sports challenges and reproduces cultural ideas about masculinity, femininity, sexual orientation, race/ethnicity, social class, work, fun, achievement, competition, violence and aggression.

Offered Infrequent

SOC 328. Social Agencies: Practice and Power. (3 Units)

Study of the sources of power and the practical function of social agencies evaluated in their social context and for their impact upon the individual.

Offered Spring

SOC 331. Minority Racial and Ethnic Relations. (3 Units)

Investigation of current American racial and ethnic problems in world-wide and historical perspective.

Offered Fall, Spring, All terms

SOC 334. Women In Society. (3 Units)

Analysis of the changing role of women in different historical and cultural settings. Emphasis on the conflict women face from the value and belief systems of their cultures, those of their broader society and their social identity as women. The course will draw on material from diverse cultures, including both industrialized and developing countries.

Offered Fall, Spring

SOC 335. Social Movements. (3 Units)

A study of major social movements with varying specific emphasis on topical problems or relevant issues from semester to semester. For example, a specific semester may be devoted to Social Movements: Black Awareness; or Social Movements: Utopias. Repeatable course.

Offered Fall, Spring, Summer

SOC 337. Critical Sociology Through Film. (3 Units)

Students will examine how documentary and non-documentary film depicts and addresses social issues while communicating sociological theories and concepts in tangible visual formats. Through this process students will learn to critically examine media images using a sociological lens.

Offered Spring, Summer

SOC 340. Social Psychology: Sociological Perspective. (3 Units)

The reciprocal influence that individuals and groups exert on one another from a sociological perspective. Focus on language and other symbolic processes, role taking and role playing, and the importance of the self-concept in interpersonal behavior.

Offered Fall, Spring, All terms

SOC 341. Seminar In Small Groups. (3 Units)

Study and discussion of social interaction in small groups. Historical and theoretical background, research findings, leadership, and the small group as a social system. Classroom exercises in group dynamics. Three hours of seminar per week.

Offered Fall

SOC 355. Modern Sociological Theories. (4 Units)

Analysis of contemporary sociological theories with attention to historical origins. Relationship of theory to research and theory construction. Includes supplemental theory building workshop. Three hours of lecture and two hours of activity per week.
Offered Fall, Spring, All terms

SOC 362. Gangs and Adolescent Subcultures. (3 Units)

Examines gang phenomena nationally and regionally. Focus on organizational, behavioral, etiological, and preventive factors associated with development and perpetuation. Street, motorcycle, prison, ethnic and other subcultural formations are examined.
Offered Fall, Spring, Summer

SOC 363. Sociology of Alcohol and Other Drug Use. (3 Units)

Introduction to drugs and alcohol as a contemporary social problem. Sociological analysis of drug use and abuse. Course includes systematic review of policy implications and therapeutic applications of sociology of drug use, especially chemical dependency and alcoholism.
Offered Fall, Spring, Summer

SOC 364. Corrections. (3 Units)

Analysis of various sociological aspects of correctional operations: correctional settings, institutional life, types of correctional programs, rehabilitation, recidivism, alternatives to prisons, probation and prevention, the adjudicative process, and theoretical and empirical considerations of correctional systems.
Offered Fall, Spring

SOC 365. Deviant Behavior. (3 Units)

Consideration of deviant behavior. Study of the forms and processes of deviance, and the distribution of its occurrence. A systematic analysis of particular kinds of violations of normative rules as related to general processes of interaction in everyday social activities.
Offered Fall, Spring, Summer

SOC 367. Sociology Of Law. (3 Units)

The social context within which legal systems function, the effectiveness of law as a mechanism of social control, the relationship between law and social change, and the social basis for the administration of justice and punishment.
Offered Spring, Summer

SOC 368. Criminology. (3 Units)

Theories of the genesis of crime: patterns of criminal behavior; nature of criminal organizations; analysis of relationship of crime to the social structure; criminal statistics and crime rates: police and the criminal justice system.
Offered Fall, Spring, All terms

SOC 369. Juvenile Delinquency. (3 Units)

Social context, definition, implications, and causes of juvenile delinquency as a social phenomenon; analysis of factors associated with delinquent behavior. Problems of adjustment of delinquents and factors in treatment and in post-treatment adjustment.
Offered Fall, Spring, Summer, All terms

SOC 370. Moot Court. (3 Units)

Prerequisites: POL 304 and THE 120 are recommended. Training course of the Stanley Mosk Moot Court Competition. Case study of a selected problem and its progress through the legal system. Emphasis on difference between social and legal solutions. Students argue case before attorneys and judges. Repeatable course for up to three times. Two hours of lecture and two hours of activity per week.
Offered Infrequent

SOC 380. Urban Sociology. (3 Units)

This class examines the general courses, processes, and consequences of urban development. Interdisciplinary perspectives and research methodologies for studying urban settings will be reviewed.
Offered Fall, Spring

SOC 381. Field Studies in Urban Problems. (3 Units)

Field experiences in the urban setting, with special emphasis upon investigation and understanding of the human and social dimensions of urban problems. Two hours of lecture and two hours of activity per week.
Offered Fall, Spring, All terms

SOC 382. Sociology of Latina/o Communities. (3 Units)

Offers offers introductory discussion and analysis of topics that pertain to Latinas/os throughout North, Central, and South America and the Caribbean. Explores experiences of different Latina/o communities. These include colonialism, post-colonialism, gender, immigration, race, etc.
Offered Infrequent

SOC 383. Black Communities: Class, Status and Power. (3 Units)

An analysis of the structure of the Black community: class, economic and political power, the role of leadership, and the conditions for social development.
Offered Fall, Spring, All terms

SOC 384. Community Organizing. (3 Units)

Study and project of community change. Analysis of the global context of local community organizing, including economic restructuring, environmental justice, immigration and the role of the state. Theories of community engagement and multi-cultural alliances, with an emphasis on women's roles.
Offered Fall, Spring

SOC 386. Sociology of the Helping Professions. (3 Units)

Analysis of the importance of social and environmental factors within the helping context. Particular emphasis on variety of settings for helping, and on issues of social ethics and cultural sensitivities.
Offered Fall, Spring, All terms

SOC 387. Theory and Research in Globalization. (3 Units)

This course provides students with an understanding of the basic theories and concepts related to the economic, social, political, and cultural processes of globalization. Students will work on a research project on a global issue.
Offered All terms, Fall, Spring

SOC 395. Special Topics In Sociology. (3 Units)

Intensive sociological analysis of a topic of special interest to both the faculty member and students. Repeatable course.
Offered Fall, Spring

SOC 401. Inferential Statistics. (4 Units)

Prerequisites: SOC 220 or its equivalent is required; algebra is recommended. Inferential statistical techniques as tools for analysis of sociological data. The logic of statistical inference. Parameter estimation and hypothesis testing. Three hours lecture and three hours laboratory per week.
Offered Infrequent

SOC 402. Multivariate Analysis. (4 Units)

Prerequisites: SOC 220 or its equivalent is required; SOC 401 is recommended. Consideration of the integral involvement of statistics in research, with special emphasis on multivariate techniques. Criteria for selection of appropriate techniques. Three hours of lecture and three hours laboratory per week.
Offered Infrequent

SOC 408. Survey Research. (3 Units)

Recommended Prerequisite: SOC 220. Emphasis on the skills of survey research in decision making, improvement, and data collection. Students will become involved in survey research activities.

Offered Infrequent

SOC 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. A reading program of selected topics conducted under the supervision of a faculty member. Repeatable course.

Offered Fall, Spring

SOC 496. Internship in Sociology. (3-6 Units)

Provides students with supervised pre-professional experience in a community agency, social justice or human rights organization. This internship introduces students to employment possibilities and social change work while they receive valuable field experience and build community contacts. Repeatable up to 9 units.

Offered As needed

SOC 498. Directed Research. (1-3 Units)

Offered Infrequent

SOC 500. Professional Development. (3 Units)

Provides an overview of university and department requirements for degree, campus resources, and exploration of career paths for Sociologists

Offered Fall, Spring

SOC 502. Graduate Workshop in Research and Theory. (3 Units)

Practicum in theory and research culminating in preparation of a public report. Entire experience is based on professional research projects in the Social Systems Research Center. Student is expected to assume some supervisory responsibility. Repeatable course. Six hours of workshop per week.

Offered Spring

SOC 503. Seminar in Ethnographic Analysis in Sociology. (3 Units)

Ethnographic fieldwork and analysis in Sociology. Theories and techniques of field observations and methods of analysis of observational data, including field notes, documents, and audio-visual records. Concentration on methods of doing sociology so as to extrapolate principles of social behavior from observation of on-going activities in organized settings. Three hours of seminar per week.

Offered Spring

SOC 505. Seminar in Sociological Research. (3 Units)

Prerequisites: SOC 305 or equivalent are required; SOC 401 or SOC 402, SOC 403 and SOC 407 are recommended; concurrent enrollment in SOC 506 required for Sociology graduate students, recommended for all others. Advanced study of sociological research techniques and strategies. Consideration of research design and analysis as they relate to theory testing. Three hours of seminar per week.

Offered Spring

SOC 506. Laboratory in Sociological Research. (1 Units)

Co-requisites: SOC 505 is required for Sociology graduate students and recommended for all others. Laboratory exercises in the application of research techniques, including formulation of the research problem, case selection, instrument design, observation, data reduction and processing, analysis, and interpretation. Three hours of laboratory per week.

Offered Spring

SOC 511. Seminar in Social Organizations. (3 Units)

An examination of the basic forms of social organization in historical and comparative perspective. The basic social scientific conceptions of social organization will be compared and contrasted in terms of methodological and policy implications. Three hours of seminar per week.

Offered Fall

SOC 518. Seminar in Marriage and the Family. (3 Units)

A sociological examination of contemporary social issues and changes affecting marriage and family life in American society. Normative and alternative family and marital life styles will be explored. Three hours of seminar per week.

Offered Fall

SOC 529. Seminar in Social Gerontology. (3 Units)

A detailed sociological discussion and presentation of theoretical and methodological issues and problems in the field of social gerontology. Fieldwork will be conducted. Three hours of seminar per week.

Offered Infrequent

SOC 550. Seminar in Interaction Processes. (3 Units)

Experience in both the theoretical and practical study of microsociology. Stress on the small group, with specific concern for problems such as communication, leadership, decision-making, gamesmanship, equilibrium, and change. Relevant research literature reviewed, and laboratory experiments in interaction processes conducted. Three hours of seminar per week.

Offered Spring

SOC 555. Seminar in Sociological Theory. (3 Units)

Prerequisite: SOC 355. A detailed examination of classical and contemporary sociological theory. Three hours of seminar per week.

Offered Fall

SOC 560. Seminar in the Sociology of Racial and Ethnic Relations. (3 Units)

A systematic inquiry into the experience of racial and ethnic minorities in the United States. Analysis of the sociological literature on interethnic relations, ethnic stratification and inequality. Implications for social policy. Three hours of seminar per week.

Offered Spring

SOC 561. Seminar in Aging: Minorities and Special Groups. (3 Units)

Analysis of the situation of the elderly within selected population groups including the black aged, Mexican-American aged, the aging woman, the rural and urban poor aged. Community resource persons will be invited to participate. Three hours of seminar per week.

Offered Infrequent

SOC 563. Seminar in the Sociology of Alcohol and Other Drug Use. (3 Units)

Social scientific approach to chemical substance use, misuse and dependency. Analysis of contemporary and historical definitions of alcohol and drug use. Origin, maintenance and transformation of patterns of drug use. Social responses to abuse and politics of use and abuse. Three hours of seminar per week.

Offered Infrequent

SOC 567. Sem In Sociology Of Law. (3 Units)

Offered Infrequent

SOC 568. Seminar In Criminology. (3 Units)

Analysis of specific issues in criminology. Issues that may be considered include the following: causative theories, major types of crime, formal crime control agencies, and prevention and control. Three hours of seminar per week.

Offered Spring

SOC 569. Seminar in Juvenile Delinquency. (3 Units)

Investigation of the causes, nature and consequences of Juvenile Delinquency from a sociological perspective. Reading and discussion of theoretical studies and empirical research. Three hours of seminar per week.

Offered Fall

SOC 595. Special Topics in Sociology. (3 Units)

A course designed to consider sociological analysis of a variety of special interest topics. The repeatable nature of the course makes it possible for students to work with more than one instructor on a topic of particular interest to the student. Course may be repeated once for a total of 6 units. Three hours of seminar per week.

Offered As needed

SOC 596. Practicum In Teaching Sociolog. (3 Units)

Prerequisite: Classified graduate standing. Supervised experience in teaching Sociology. Techniques and skills appropriate to instruction at the college level. Instructional and evaluative experiences under supervision of sociology faculty. Repeatable for credit for a maximum of six units.

Offered Fall, Spring

SOC 597. Directed Reading. (1-3 Units)

Independent reading under direction of supervising faculty member in Sociology. Repeatable course.

Offered Fall, Spring

SOC 598. Directed Research. (1-3 Units)

Independent research under direction of supervising faculty member in Sociology. Repeatable course.

Offered Fall, Spring

SOC 599. Graduate Capstone in Sociology. (1-5 Units)

Prerequisites: SOC 505, SOC 555, SOC 511 or SOC 550 and Advancement to Candidacy in Sociology Graduate Program is required. Supervised thesis, special project, or comprehensive examination in sociology. Repeatable course.

Offered Fall, Spring

SOC 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Spanish (SPA)

SPA 110. Beginning Spanish I. (3 Units)

Prerequisite: Grade of C or better in SPA 100. Basic instruction in Spanish. Training in speaking, listening, reading, and writing for students who have had no previous work in Spanish.

Offered Fall, Spring, All terms

SPA 111. Beginning Spanish II. (3 Units)

Prerequisite: SPA 305 or equivalent. Translation from Spanish to English and English to Spanish with practical application for journalistic, advertising, commercial, and governmental activities. Introduction to the art of consecutive translation.

Offered Fall, Spring, All terms

SPA 115. Intensive Beginning Spanish. (6 Units)

Prerequisite: Grade of C or better in SPA 100. An accelerated course in beginning Spanish; emphasis on speaking and listening comprehension. Development of elementary reading and writing skills. Active participation and engagement. The equivalent of SPA 110 plus SPA 111.

Offered Infrequent

SPA 151. Introduction to Hispanic Culture. (3 Units)

Introduction to Hispanic Culture. A designated geographical area studies course focusing on patterns of culture in the Spanish-speaking world. Topics will vary from semester to semester; for example, Mexico and the Southwestern U.S., or Contemporary Spain. Conducted in English.

Offered Fall, Spring

SPA 220. Intermediate Spanish I. (3 Units)

Prerequisite: SPA 111 or equivalent. A continuation of Spanish 111, with emphasis on oral communication skills.

Offered Fall, Spring, All terms

SPA 221. Intermediate Spanish II. (3 Units)

Prerequisite: SPA 220 or equivalent. A continuation of Spanish 220, with emphasis on reading and writing.

Offered Fall, Spring

SPA 230. Spanish Conversation. (3 Units)

Intermediate-level Spanish conversation with special emphasis on increasing the oral proficiency of second-language learners of Spanish. Conversational functions practiced will include describing and identifying people, places, things and events, requesting and providing information, and expressing opinions. Students will be exposed to various aspects of Spanish-speaking cultures.

Offered Fall

SPA 280. Grammar for Spanish Composition. (3 Units)

Students advance their knowledge of Spanish grammar in the areas of orthography, accentuation, punctuation, parts of speech, verb morphology, sentence types. Students will study essay types, with an emphasis on narration.

Offered Fall, Spring

SPA 302. Business Spanish. (3 Units)

The principal objective of this course is to prepare students to use Spanish for business. Topics for this course include: 1) informal vs. formal Spanish; 2) the communicative purpose: informative vs persuasive presentations; 3) technology and business; 4) the language of finance; 5) legal language for business; and 7) ethical considerations and their reflection on language use.

Offered Spring

SPA 305. Advanced Composition, Syntax and Stylistics I. (3 Units)

Prerequisite: SPA 280 or equivalent. A reading, composition, and discussion course concerned with elements of style and syntax, with emphasis on expository and argumentative writing by the students.

Offered Fall, Spring

SPA 306. Advanced Composition, Syntax and Stylistics II. (3 Units)

Prerequisite: SPA 280 or equivalent is required. A reading, composition and discussion course that focuses on expository writing and literary or linguistic analysis. Three hours of lecture per week.

Offered Fall, Spring

SPA 310. Romantic Love in the Western Tradition. (3 Units)

Students evaluate the construct of love using historical, aesthetic, and social perspectives, how it defines psychological patterns, develops styles in literature, is the center of some philosophical approaches, and is linked to values and ethical definitions in contemporary movements.

Offered Infrequent

SPA 311. Structure Of Spanish. (3 Units)

Prerequisite: SPA 280. An analysis of the sounds, formations, and routines of the language, focusing on global characteristics of Spanish that English speakers need to acquire. Selected language acquisition problems of English speakers featured.
Offered Fall

SPA 312. Hispanic Literature, Art and Culture. (3 Units)

Historical development and the cultural artistic production created by Hispanic authors and artists through an interdisciplinary perspective. Study of artwork, historical texts, music, and literature to expand by discussing the links of cultural production that develop in Latin America.
Offered Spring

SPA 313. Encountering the Other. (3 Units)

Analysis of major contemporary issues will be undertaken from a humanistic perspective about encountering the other in the Western tradition. Historical, literary, musical, philosophical, and art works will be introduced to develop critical thinking about how diverse groups interact.
Offered Spring even

SPA 318. Movements of Latin America. (3 Units)

This interdisciplinary and pluricultural course introduces students to the contemporary social and sociolinguistic movements of Latin America. It analyzes the indigenous movements for linguistic and cultural rights, and populist movements and other movements through their cultures, narratives, rhetoric, and discourse.
Offered Fall, Spring, Summer

SPA 330. Interpreting Hispanic Literature. (3 Units)

Prerequisite: SPA 305. Analysis and interpretation of representative Hispanic prose, poetry, and drama.
Offered Fall

SPA 340. Practical Spanish for Interpreters and Translators. (3 Units)

Intensive study of a single author, a literary movement, a literary genre, or a single literary work, or an issue/topic in linguistics. Repeatable with different topics for credit. Three hours of seminar per week.
Offered Spring

SPA 341. Advanced Conversation. (3 Units)

Prerequisite: SPA 221 or equivalent. Intensive conversation leading to fluency in the use of academic Spanish. The course aims to develop a comprehensive vocabulary which prepares the student for persuasive and oratory speeches, as well as for upper division linguistics and literature courses. Useful for public service and the bilingual/cross-cultural credential program.
Offered Fall, Spring

SPA 350. Contemporary Hispanic Culture: Spain. (3 Units)

Prerequisite: SPA 280 or equivalent, or concurrent enrollment. An area studies course focusing on patterns of culture in contemporary Spain.
Offered Spring

SPA 351. Contemporary Hispanic Culture: Spanish-Speaking America. (3 Units)

Prerequisite: SPA 280 or equivalent, or concurrent enrollment. A designated geographical area studies course focusing on patterns of culture in the Spanish-speaking world. Specific topics may vary from semester to semester. Norms, intergroup relations, institutions, language, and societal values of rural and urban people.
Offered Infrequent

SPA 353. Cinema of the Spanish-Speaking World. (3 Units)

Prerequisites: SPA 280 and SPA 305 are required. SPA 351 is recommended. This course is designed to introduce students to the cultures and societies of Spain and Latin America through the cinematic work of Spanish-speaking film productions.
Offered Fall

SPA 398S. Directed Research in Spanish. (1-3 Units)

Offered Infrequent

SPA 400. Teaching School Subject Matter in Spanish. (3 Units)

Prerequisite: Knowledge of Spanish or consent of instructor. Vocabulary and materials used in elementary or secondary schools for teaching reading, writing, mathematics, science, and social studies in Spanish. Aspects and problems of language acquisition and linguistic transitions made by English speakers acquiring Spanish proficiency. Required for credential candidates.
Offered Fall, Spring

SPA 414. Spanish Phonology. (3 Units)

Prerequisite: SPA 311. A beginning course in the segmental and suprasegmental phonetic systems: phonological pronunciation phenomena of standard and regional Spanish.
Offered Spring

SPA 430. Spanish Morphology. (3 Units)

In-depth introduction to selected topics of Morphology. Topics include inflection, derivation, and compounding, as well as the relation of morphology to phonology, syntax and the lexicon.
Offered Fall

SPA 435. A Sociolinguistic Approach to Chicano/Latino Dialect. (3 Units)

Identification of characteristic linguistic difficulties of Spanish-speaking children correlated to social-cultural background. Contrastive analyses of the linguistic competencies and performances for these children learning English. Repeatable course.
Offered Infrequent

SPA 440. Spanish Syntax. (3 Units)

Study of the formation and structure of phrases, clauses, and sentences in Spanish, informed by the Generative Syntax theoretical framework.
Offered Fall

SPA 450. History of the Spanish Language. (3 Units)

History of the development of the Spanish language from Vulgar Latin to the present.
Offered Fall

SPA 453. Literature Of Spain. (3 Units)

Prerequisites: SPA 330. Readings and analysis of Spanish literary works in all genres. Topic varies from semester to semester. Repeatable course.
Offered Fall

SPA 454. Cervantes: Don Quijote. (3 Units)

Prerequisite: SPA 330 or equivalent. Reading and analysis of the major work of Spanish literature.
Offered Spring

SPA 456. Literature of Spanish America. (3 Units)

Prerequisites: SPA 330. Readings and analysis of selected works of Spanish American literature. Course content may cover a single country or a literary movement or genre as represented in various Spanish American countries. Topic varies from semester to semester. Repeatable course.
Offered Fall, Spring

SPA 461. Lecturas Mexicanas y Chicanas. (3 Units)

Reading and analysis of Mexican and Chicano literary works in all genres. Specific genre and country will vary from semester to semester. Three hours of lecture per week.

Offered Spring

SPA 490. Seminar in Special Topics in Literature and Linguistics. (3 Units)

Prerequisite: SPA 305, SPA 306, SPA 311, SPA 330, SPA 340, SPA 350, SPA 351 are required. Intensive study of a single author, a literary movement, a literary genre, or a single literary work, or an issue/topic in linguistics. Repeatable with different topics for credit. Three hours of seminar per week.

Offered Spring

SPA 494. Independent Study. (3 Units)

Prerequisites: B average in Spanish; consent of instructor and department chair. Independent study of a literary or linguistic problem, an author, or a literary movement. Repeatable course.

Offered Fall, Spring

SPA 495. Special Topics in Spanish. (3 Units)

Prerequisites: Senior Standing and consent of the instructor. Intensive study of a topic in Spanish literature, linguistics or culture. May be repeated with a different topic for up to six units.

Offered Infrequent

SPA 498. Directed Research in Spanish. (1-3 Units)

Offered Infrequent, All terms

SPA 594S. Independent Study. (1-3 Units)

Prerequisites: Consent of department chair and faculty advisor. In consultation with a faculty member, the student will investigate, in detail, current scholarship in selected area(s) or will undertake a project involving original research or creative study. Repeatable course.

Offered Infrequent

SPA 595. Special Topics in Spanish. (3 Units)

Prerequisites: Two upper division courses in Spanish Literature, two upper division courses in Spanish Linguistics, or consent of the instructor. Intensive study of a topic of current interest to the disciplines of Spanish Literature and Spanish Linguistics. Topic and content will vary each term. New topics will be offered each term. Course may be repeated with different topic.

Offered Infrequent

SPA 597S. Directed Reading. (1-3 Units)

Prerequisites: Consent of department chair and faculty advisor. Extensive reading in selected areas under the guidance of a faculty member.

Repeatable course.

Offered Infrequent

SPA 599S. Final Project. (3 Units)

Offered Infrequent

Special Education (SPE)

SPE 403. Reading and Language Arts Instruction for K-12 Students with Disabilities. (3 Units)

Prerequisite: SPE 480 and SPE 481 or LBS 310 or LBS 370 are required. An overview of principles of reading instruction and elements of the P-12 language arts program including literature-based reading, the role of phonics, emergent literacy and diagnosis and remediation of reading and writing difficulties.

Offered Fall, Spring

SPE 405. Collaboration with Families and School Personnel. (3 Units)

Prerequisite: SPE 480 is required. Designed to develop expertise in working with stakeholders in the education of children and youth with special needs as they transition to different levels of education and into adulthood. Topics include communication, collaboration in team teaching, developing IFSP/IEPs and effectively working with families, school personnel and students who have disabilities.

Offered Fall, Spring

SPE 451. Biomedical Information and Technological Interventions with Children with Disabilities. (3 Units)

Prerequisites: SPE 480 is required. Review of physical disabilities, presentation, etiology, behavioral/psychosocial sequelae, and impact on development. Medical care required for monitoring and ongoing management, technological procedures, and accommodations to facilitate full inclusion of medically fragile children in school and community settings. Field experience included.

Offered Fall, Spring

SPE 454. Curriculum and Instruction in Early Childhood Special Education. (3 Units)

Prerequisites: SPE 480 is required. Current issues and best practices research in designing curriculum for children (birth to 5 years) with disabilities or who are at risk. Instructional intervention procedures and educational settings appropriate to the learner's developmental and functional needs.

Offered Spring

SPE 456. Field Experience in General and Special Education. (3 Units)

Pre-requisites: SPE 480 and SPE 481, or LBS 301 or LBS 370 are required. Supervised observation and participation in general and special education settings (50 hours in each setting). General education focuses on classroom interactions and teaching responsibilities with students in pre-K-high school. Special Education focuses on classroom interactions and teaching responsibilities with students of mild/moderate/severe disabilities in infant through adult population. Fieldwork and seminar.

Credit/no credit grading.

Offered Fall, Spring

SPE 458. Positive Classroom Environments. (3 Units)

Prerequisite: SPE 480 is required. Survey and practice of research-based techniques for managing and motivating the behavior of young children, students at-risk, or with mild, moderate or extensive support needs in special or general education settings. Examination of current laws, trauma informed practices, and strategies for ensuring positive classroom environments in special education. Field projects included.

Offered Fall, Spring

SPE 460. Intro to Special Education. (3 Units)

Review of the field of exceptionality, including behavioral and learning characteristics of pupils with disabilities. Examination of developmental and program needs. Presentation of eligibility criteria, legal rights, legislation, and exemplary school programs for diverse learners with disabilities.

Offered Fall, Spring

SPE 461. Typical and Atypical development and Assessment Issues in Special and General Education. (3 Units)

Prerequisites: SPE 480 and SPE 48, or LBS 301 or LBS 370 are required. Overview of development of children with and without disabilities including: physical growth/development, cognitive, motor, social/emotional development, cultural and genetic contributors to atypical outcomes. Integrates theory and research into effective practice for working with children who manifest a range of disabilities.

Offered Fall, Spring

SPE 462. Language, Literacy and Cognition. (3 Units)

Prerequisite: SPE 480 is required. Basic concepts of language structure, normal and disordered speech and language development; relevant diagnostic-prescriptive methods for the classroom teacher; and the use of specialized services. Additionally, theoretical perspective; cultural difference and the relationship between language disorders and academic learning.

Offered Fall, Spring

SPE 465. Instructional Strategies Extensive Support Needs. (3 Units)

Prerequisite: SPE 480 is required. Review of issues and research regarding effective practices for students with extensive support needs. Practice in developing and delivering curricula appropriate to the student's development and functional needs. Generalization of effective teaching techniques to a variety of skill areas and environments.

Offered Spring

SPE 467. Assessment in Special Education. (3 Units)

Prerequisite: Prerequisite: SPE 480 and SPE 481 or LBS 310 or LBS 370 are required. Assessment and evaluation procedures using formal and informal assessment for individuals with mild/moderate support needs, individuals with extensive support needs, and young children (birth to 5 years). Data will be interpreted to inform strengths and needs to make accommodations, modifications, instructional decisions, and ongoing program improvements incorporating family concerns and priorities.

Offered Fall, Spring

SPE 468. Curriculum and Instruction Mild Moderate Support Needs: STEAM. (3 Units)

Prerequisites: SPE 458, SPE 462, and SPE 480 are required. Review of issues and research regarding teaching practices effective for students with mild/moderate support needs. Situates instruction within a STEAM framework, the application of effective teaching techniques in the general education curricula and content areas appropriate to students with learning difficulties.

Offered Fall, Spring

SPE 475. Student Teaching in Early Childhood Special Education. (13 Units)

Prerequisite: Department Consent Required. Supervised experience with young children (birth-5 years) with mild, moderate or extensive support needs in early intervention/educational settings with the guidance of a master teacher. Integrates learned theoretical models with every day situations in planning, implementing and evaluating intervention strategies designed to meet the California Teaching Performance Expectations. Seminars and fieldwork. Credit/No-Credit grading.

Offered Fall, Spring

SPE 476. Student Teaching Extensive Support Needs. (13 Units)

Prerequisite: Consent of Instructor/Department required. Supervised teaching with the guidance of a master teacher in an appropriate program for students with extensive support needs. Focus on meeting the Teacher Performance Expectations in the areas of curriculum, behavior, and instruction. Seminars and fieldwork. Credit/No-Credit grading.

Offered Fall, Spring

SPE 477. Student Teaching Mild/Moderate. (7 Units)

Required Prerequisites: SPE 403, SPE 405, SPE 456, SPE 458, SPE 461, SPW 462, SPE 467, SPE 468, SPE 480, and TED 410. Required Co-requisites: LBS 402. Supervised experience in an approved public-school education program under the guidance of a university supervisor and district mentor for students with mild/moderate disabilities. Integrates learned theoretical models with practical, hands-on experience in planning, implementing, and evaluating intervention strategies and outcomes.

Offered Fall, Spring, Summer

SPE 479. Student Teaching of Individuals with Mild/Moderate Disabilities. (13 Units)

Prerequisite: Consent of Instructor/Department required. Supervised teaching with the guidance of a master teacher in an appropriate public school special education program for students with mild/moderate disabilities. Focus on the management of curriculum, behavior, and instruction. Seminars and fieldwork. Credit/No-Credit grading.

Offered Fall, Spring

SPE 480. Educating Exceptional Children and Youth. (3 Units)

Review of the field of exceptionality, including behavioral and learning characteristics of students with mild, moderate, and severe disabilities. Examination of developmental and program needs. Presentation of eligibility criteria, legal rights, legislation, and best practices for students with exceptionalities.

Offered Fall, Spring, Summer

SPE 481. Educating Diverse Learners with Exceptionalities. (3 Units)

Designed to understand the relationship between cultural, home, and school influences and the effects these influences have on classroom teaching and learning and the utilization of appropriate materials and methods for students who are exceptional, culturally, ethnically, and/or linguistically diverse.

Offered Fall, Spring, Summer

SPE 482. Educating Students with Special Needs within Inclusive Settings. (3 Units)

Prerequisites: Completion of Phase 1. Co-requisites: TED 433/453. Students will identify strategies and approaches to make general education classrooms inclusive for all students. Integrate students' funds of knowledge, social-emotional learning, developmental considerations and technology to support students and engage families. Students will learn to establish goals to improve practice through reflection and video recording.

Offered Fall, Spring

SPE 488. CalTPA for Educational Specialists. (2 Units)

Co-Requisites: SPE 475, SPE 476, SPE 479, SPE 555, SPE 556, or SPE 579 is required. Capstone experience designed to link theory and practice as students reflect on their learning, connecting subject matter knowledge and the teaching profession. Students will complete a philosophy of education and website portfolio that substantiates their learning in the major and complete an instructional cycle in an elementary classroom aligned with Cycle 1 or 2 or the required summative assessment to demonstrate competency in all Teacher Performance Expectations (EdSp CalTPA). Candidates will focus on student learning, selecting a learning segment, submitting teaching artifacts and analyzing, as well as assessing the teaching event.

Offered Fall, Spring, Summer

SPE 494. Independent Study in Special Education. (1-3 Units)

Prerequisite: Consent of instructor and Special Education Department Chair is required. Independent study in a topic related to the Special Education Credential Program.

Offered Fall, Spring

SPE 495. Special Topics in Special Education. (3 Units)

Selected topics in special education. Repeatable course up to six units.

Offered Fall, Spring

SPE 501. Creating Effective Inclusive Settings for Young Children w/ Exceptionalities, Families, & Professionals. (3 Units)

Prerequisites: TED 505 and TTK 501 are required. Prepares teachers to work with young children who are at-risk for or have a disability, their families, and professionals. Integrates theory and research into effective learning practices young children who require accommodations or modifications. Information presented on disability eligibility criteria, legal rights, and legislation and strategies for effective communication and collaboration with families and professionals.

Offered Fall, Spring

SPE 504. Reading & Language Arts Instruction for 9-12 Students with Disabilities. (1 Unit)

Prerequisite: SPE 480 and SPE 481 are required. Prepares teacher candidates in the Education Specialist Mild/Moderate Program to develop and implement a comprehensive, integrated, interactive perspective to teaching reading/language arts in grades 9-12 classrooms. Candidates will develop skills needed to analyze and solve curriculum, instruction, assessment and management problems related to reading and language arts across the content areas.

Offered Spring

SPE 522. Teaching Bilingual Learning in Inclusive Dual Settings. (3 Units)

Prepares teachers to work with exceptional students in dual language programs. Participants will learn and apply culturally responsive assessment practices, curricular interventions and evaluation procedures for individuals, from infancy to adulthood, with mild/moderate and moderate/severe disabilities. Field-based projects. Course taught in Spanish.

Offered Spring

SPE 523. Special Education Intern Initial Field Experience/Seminar. (6 Units)

Prerequisites: SPE 461 and SPE 462 are required. Observation and evaluation of intern candidates' initial teaching competencies by university and school site supervisors. Candidates attend seminars bi-monthly. Fieldwork and seminars. Credit/no credit grading.

Offered Fall, Spring

SPE 525. Special Education Intern Advanced Field Experience/ Seminar. (6 Units)

Observation and evaluation of intern candidates' advanced teaching competencies by university and school site supervisors. Candidates attend seminars bi-monthly. Fieldwork and seminars. Credit/no credit grading.

Offered Fall, Spring

SPE 526. Special Education Intern Continuing Field Experience/ Seminar. (2 Units)

Prerequisites: SPE 523 and SPE 525 are required. Repeatable course designed to review the teaching competencies of special education interns. University supervisor continues observation and evaluation of candidates' progress toward professional certification. Fieldwork and seminars. Credit/no credit grading.

Offered Fall, Spring

SPE 527. Resource Specialist I: Program Planning. (3 Units)

Prerequisite: Clear Special Education Credential. Surveys current special education laws and practices regulating appropriate identification, assessment, program planning, placement, parent appeal, and coordination of services for the education of the mildly handicapped in public and private schools.

Offered Infrequent

SPE 530. Introduction to Assistive Technology. (3 Units)

Reviews the use of Assistive Technology as it relates to education, communication, vocation, recreation, and mobility for individuals with disabilities. Explore types of assistive technologies, functional assessments, resources, and district responsibilities.

Offered As needed

SPE 532. Advanced Assistive Technology. (3 Units)

Prerequisites: SPE 530 and SPE 531. Teaches students to use and adapt a variety of assistive technology devices and software and apply these technologies in a wide range of integrated educational settings.

Offered As needed

SPE 533. Administration of Assistive Technology Services. (3 Units)

Prerequisites: SPE 530 and SPE 531. Provides students with information on a variety of administrative issues, including the role of the Transdisciplinary Team, identification of funding and other resources, specialized computer adaptations, legal and ethical issues, and effective evaluation.

Offered As needed

SPE 537. Capstone Course in Assistive Technology. (3 Units)

Prerequisites: SPE 532 and SPE 533. Students will apply assistive technology skills by performing functional assessments, developing technology goals/objectives, and selecting appropriate assistive technology services for the disabled. Additionally, students will develop skills to facilitate the development of a system to deliver assistive technology devices and services.

Offered As needed

SPE 543. Spec Ed Pre Induct Plan Superv. (1 Unit)

Development of an individualized professional induction plan for each special education candidate upon completion of the final directed field experience (i.e. SPE 555, SPE 566 or SPE 569 in Level II standard credential programs or SPE 523 for Interns in Level I intern credential programs). Credit/no credit grading.

Offered As needed

SPE 549. Seminar in Infants and Toddlers in Early Childhood Special Education. (2 Units)

Prerequisites: SPE 480 and SPE 481 are required. Co-requisite: SPE 550 is required. Seminar on information and experiences in working with children from birth-3 years who have mild, moderate, or severe disabilities. Emphasis on learning how to address the needs of children and their families in a culturally sensitive family-centered professional manner.

Offered Fall, Spring, Summer

SPE 550. Field Work in Infants and Toddlers in Early Childhood Special Education. (1 Unit)

Prerequisite: SPE 480 and SPE 481 are required. Co-requisite: SPE 549 is required. Supervised 40-hour practicum provides experiences working with children from birth-3 years who have mild, moderate, or severe disabilities. Emphasis on learning how to address the needs of children and their families in a culturally sensitive family-centered professional manner. Credit/No Credit grading.

Offered Fall, Spring

SPE 552. Communicative and Collaborative Partnerships with Families and Professionals. (3 Units)

Prerequisite: SPE 480 is required. Overview of the family systems model for understanding families from diverse cultures with specific focus on the effects of disability on family functions and relationships. Use of effective communicate and collaborate with individuals with disabilities, their families and other stakeholders to establish and work in partnerships.

Offered Fall, Spring

SPE 553. Assessment in Early Childhood Special Education and Moderate-Severe Disabilities. (3 Units)

Prerequisites: SPE 480 and SPE 481 are required. Assessment and evaluation procedures for young children (birth to 5 years) with developmental disabilities or delays, and students with moderate-sever disabilities including formal and informal assessments and strategies to determine needs and strengths while incorporating family concerns and priorities.

Offered Fall, Spring

SPE 555. Directed Teaching in Early Childhood Special Education. (13 Units)

Prerequisites: Consent of Instructor/Department Required. Supervised experience working with young children (birth-5 years) with mild, moderate, or extensive support needs in early intervention/educational settings with the guidance of a master teacher. Integrates learned theoretical models with every day situations in planning, implementing and evaluating intervention strategies designed to meet the California Teaching Performance Expectations. Seminar and Fieldwork required. Credit/No-Credit grading.

Offered Fall, Spring

SPE 564. Instructional Planning and Curriculum Development for Individuals with Moderate/Severe Disabilities. (3 Units)

Prerequisites: SPE 460 and SPE 558. Formal and informal assessment, instructional planning, and curriculum development for children and adults with moderate/severe disabilities. Assessment of skills leading to functional independence in age-appropriate, developmental, domestic, community, recreation/leisure, vocational, and social environments. Field projects.

Offered Fall

SPE 566. Directed Teaching of Individuals with Moderate/Severe Disabilities. (6 Units)

Prerequisite: Student must be in the last semester of credential program. Supervised teaching in an approved public school program for individuals with moderate to severe disabilities. Focuses on the management of curriculum, behavior, and instruction and on professional partnerships in school and community settings. Fieldwork and seminars are required. Credit/No-Credit grading.

Offered Fall, Spring

SPE 569. Directed Teaching of Individuals with Mild/Moderate Disabilities. (6 Units)

Prerequisite: Student must be in the last semester of credential program. Supervised teaching in an approved public school education program for students with mild/moderate disabilities. Focuses on the management of curriculum, behavior, and instruction and on professional partnerships in elementary/secondary/post secondary special education programs. Fieldwork and seminars. Credit/No Credit grading.

Offered Fall, Spring

SPE 570. Individual Induction Plan Development. (3 Units)

Knowledge and skills to develop a professional Individualized Induction Plan that focuses on teacher performance via inquiry and formative assessment of their teaching practice to improve student learning.

Offered Fall, Spring

SPE 571. Individual Induction Plan Completion. (3 Units)

Prerequisite: SPE 570 is required. Knowledge and skills to complete a professional Individualized Induction Plan that focuses on teacher performance via inquiry and includes a comparison of formative and summative assessment of their teaching practice to improve student learning.

Offered Fall, Spring

SPE 580. Advanced Assessment, Pedagogy and Instruction for Individuals with Disabilities. (3 Units)

Advanced knowledge and application of current formal and informal assessment techniques and outcome-driven educational programming for culturally, linguistically and economically diverse children with disabilities. Development of IEP's including research based interventions and progress monitoring systems.

Offered Fall, Spring

SPE 581. Collaborative Planning, Implementing Evaluating Educational Programs for Students with Disabilities. (3 Units)

Restricted to Education Specialist Clear Credential Program or MA in Education. Knowledge and skills for effective collaboration and consultation with students, families, and professionals including central interaction processes for developing a range of academic, behavioral, vocational and transitional programs on behalf of individuals with disabilities.

Offered Fall, Spring

SPE 582. Current Trends and Issues in Special Education. (3 Units)

Prerequisite: GED 500 is required. Advanced study of pertinent topics related to federal, state, and local agencies and their role in special education; organization of Special Education programs and service delivery; the preparation of teachers of exceptional children and research and demonstration projects in the education of exceptional children.

Offered Fall, Spring

SPE 583. Education Law and Policy: Serving Students with Disabilities. (3 Units)

Analysis of legislation, litigation, and administrative rulings related to special education. Emphasizes the development of legally sound policies and procedures to ensure an appropriate education for students with disabilities.

Offered Fall, Spring

SPE 584. Research I: Evidenced Based Inquiry and Practice. (3 Units)

Prerequisite: SPE 582 is required. Advance study of research in educational contexts through the application of evidenced-based inquiry practices. Research proposal design, methodology, and data collection.

Offered Fall, Spring

SPE 585. Research II: Evidenced Based Inquiry and Practice. (3 Units)

Prerequisite: SPE 584 is required. Advanced study of research in educational contexts through the application of evidenced-based inquiry practices and project development/implementation. Research project data analysis, interpretation and reporting of findings, and implecations for further research.

Offered Fall, Spring

SPE 591. Current Issues in Special Education. (2 Units)

Prerequisite: Completion of all course work leading to the M.A. in Special Education. Designed to help the graduate student in special education integrate all previous course work in the field. Legal and empirical evidence bearing on specific current issues will be reviewed and used as the basis of class discussion. CR/NC grading. Two hours of seminar per week.

Offered As needed

SPE 594. Independent Study in Special Education. (1-3 Units)

Independent study taken under the supervision of a faculty member. Repeatable for credit.

Offered As needed

SPE 595. Graduate Selected Topics in Special Education. (1-4 Units)

Advanced course of special interests to graduate students in Special Education. Topic and content will vary as announced. Repeatable course. One to three hours of seminar each week.

Offered Fall, Spring, Summer

SPE 599. Graduate Capstone in Special Education. (1-3 Units)

Research and writing of thesis project for the master's degree. Topic of research must be approved by graduate advisor. Open only to thesis option graduate students. Repeatable course.

Offered Fall, Spring

SPE 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Sports, Ent., Hospitality (SEH)

SEH 310. Sports Enter & Hospitality MGT. (3 Units)

Overview of the sports, entertainment, and hospitality fields. Examines the current issues, trends, and problems in these fields. Includes an investigation into career opportunities and growth potential for the sports, entertainment, and hospitality industries.

Offered Fall, Spring

SEH 330. Managing Sports Facilities. (3 Units)

Prerequisite: SEH 310. Provides students with an introduction to the planning and management of sports facilities. Focuses on elements of planning, design, and management, while examining functions related to maintenance, security, operations and evaluation.

Offered Fall, Spring

SEH 348. Principles of Travel & Tourism. (3 Units)

Prerequisite: SEH 310. Study of historical and modern principles of travel and tourism. Exploration of societal trends, global tourist behavior, and environmental factors influencing the destination mix. Investigation of tourism planning, promotion.

Offered Fall, Spring

SEH 400. Tickets Operations in the Entertainment Industry. (3 Units)

Ticket sales are a complex activity that goes well beyond the act of selling. Course focuses on ticket sales strategies and promotion processes highlighting the fundamental concepts, principles, and applications associated in this strategic area of entertainment and sports management.

Offered Infrequent

SEH 401. Leadership in the Entertainment Industry. (3 Units)

The entertainment industry is one of the largest and most important industries in the world. Technologies transform the way entertainment is created and distributed. Course prepares students to accelerate their careers in the creative industries through the exploration of leadership skills.

Offered Infrequent

SEH 402. Strategic Sports Marketing. (3 Units)

The entertainment industry is one of the largest and most important industries in the world. Technologies transform the way entertainment is created and distributed. Course prepares students to accelerate their careers in the creative industries through the exploration of strategic sports marketing skills.

Offered Infrequent

SEH 403. Sport Venue and Event Management. (3 Units)

Sport venue management represents one of the fastest areas of growth in the sport industry. With new arenas, stadiums, health clubs, convention centers, and other facilities popping up all over the nation, numerous job opportunities are available in this discipline.

Offered Infrequent

SEH 448. Hotel and Resort Management. (3 Units)

Prerequisite: SEH 310. Investigation of management in the hospitality industry with emphasis on food service, lodging, tourism, and contemporary issues. Examines customer service, international markets, human resources, marketing, and fiscal implications. Field trips required.

Offered Fall, Spring

SEH 495. Spec Topic: Hospitality Mgt.. (3 Units)

Prerequisite: SEH 310. Study of a current topic in the entertainment industry.

Offered Infrequent

SEH 496. Internship in Sports, Entertainment & Hospitality. (1-3 Units)

Under the direction of a faculty of the discipline, students work in a business organization related to sports, entertainment or hospitality field applying the skills and knowledge learned in the classroom.

Offered As needed

Systems Engineering (SEE)

SEE 500. The Practice of Systems Engineering. (3 Units)

The course provides an overview Systems Engineering professional competencies. Content and case studies present Systems Engineering as a multi-faceted discipline that draws upon human, organizational and technical resources to define, develop and deploy systems.

SEE 510. Introduction to Systems Engineering I. (3 Units)

Co-requisite: SEE 501 required. Systems engineering processes, principles and tools used during a project's life cycle. Risk assessment that addresses technical, schedule, cost, and performance risks. Role of engineering sub-disciplines in the fulfillment of mission requirements.

Risk and reliability in complex systems. A-B/NC grading.

Offered Fall

SEE 515. Introduction to System Engineering II. (3 Units)

Course covers processes, principles and tools utilized throughout a system's life cycle. Topics include the role of requirements engineering, risk management, supportability and logistics in the development of complex systems.

SEE 520. Analytics in Systems Engineering. (3 Units)

Prerequisites: SEE 500, MAT 131 or MAT 321 or an introductory course in statistics and probability; CSC 121 or an introductory programming course. Statistical methods used in data analytics with a focus on decision making in engineering applications.
Offered Fall

SEE 530. Quantitative Methods in Systems Engineering. (3 Units)

Prerequisite: MAT 131 or MAT 132 or an introductory course in probability and statistics and SEE 510. Probability and statistics for engineering project cost estimates, system risk assessments, life cycle models and management plans.
Offered Spring

SEE 540. Economic Factors in Systems Engineering. (3 Units)

Co-requisite: SEE 510 required. Principles of engineering economics; impact of economic factors for systems engineers, tools for understanding and analyzing these factors, fundamental quantitative analysis of cash flow, system life-cost estimating; parametric cost models.
Offered Fall

SEE 550. Modeling and Simulation. (3 Units)

Prerequisite: SEE 530 required. Application of computer simulation to engineering (sub)systems; systems structure, system analysis, model construction, data collection, and computer simulations tools.
Offered Summer

SEE 560. Model Based Systems Engineering. (3 Units)

Prerequisite: SEE 530, SEE 540, SEE 550. Co-requisite: SEE 550 required. Application of model curation, model repositories and model integration in MBSE; distinction between engineering models and model-based systems engineering is emphasized.
Offered Summer

SEE 570. Complex Systems Architecture. (3 Units)

Prerequisite: SEE 515 required. Holistic approach to the process of architecting systems in various engineering disciplines. Architectural as they relate to adaptive, complex and resilient systems.
Offered Spring

SEE 580. System-of-Systems Engineering. (3 Units)

Prerequisite: SEE 550, SEE 560, SEE 570 required. Critical issues associated with the integration of systems and/or systems-of-systems.
Offered Fall

SEE 590. Master's Project. (3 Units)

Prerequisite: SEE 504, SEE 505 (may be taken concurrently) and consent of graduate advisor. Co-requisite: SEE 585 required. Individual research on a systems engineering topic under the direction of graduate faculty. Repeatable course.
Offered Spring

SEE 600. Graduate Continuation Course. (1 Units)

Prerequisite: Signature of graduate program coordinator required. Graduate students, who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion for their degree, may attain continuous enrollment by enrolling in this course.

Teacher Education (TED)

TED 400. Introduction to Education. (3 Units)

Prerequisite: Admission to Teacher Education. Includes 30 hours of early field experience in K-12 classrooms. Topics include California Teacher Performance Expectations, state content standards, lesson planning / teaching / reflection, and professional, legal and ethical responsibilities of teachers. Computer applications used to complete course tasks.
Offered Fall, Spring

TED 402. Educational Psychology. (3 Units)

Prerequisite: Admission to Teacher Education. Psychology of learning and motivation related to instruction; emphasis on application of learning principles to classroom learning situations, including multicultural settings. Survey of applicable research from educational psychology and psychology. Mainstreaming students with special needs.
Offered Fall, Spring

TED 403. Elementary Reading/Language Arts I: K-3. (3 Units)

Prerequisite: Admission to Multiple Subject Program. A balanced approach to teaching reading/language arts grades K through 3. Focus on the foundational skills and strategies needed in the developmental phase of learning to read. Addresses research-based knowledge and instructional practices aligned with the California Reading/Language Arts Framework.
Offered Fall, Spring, All terms

TED 404. Elem. Reading/Language Arts II: (3 Units)

Prerequisite: TED 403. A balanced, integrative and interactive perspective to teaching reading/language arts grades 4 through 8. Focus on skills and strategies needed in reading and learning for life. Addresses research-based knowledge and instructional practices aligned with the California Reading/Language Arts Framework.
Offered Fall, Spring, All terms

TED 405. Mainstreaming Children With Special Needs. (3 Units)

A course to facilitate the integration of handicapped children into the regular classroom. Covers legal responsibilities, diagnostic/prescriptive teaching, problem solving and visits to special education facilities.
Offered As needed

TED 406. Teaching Secondary Reading. (3 Units)

Prerequisite: Admission to Single Subject Program. Procedures, materials for teaching content related reading/writing. Includes use of multicultural literature, instructional technology, interpretation of research in reading comprehension; reading/writing for language diverse populations, classroom based diagnostic tools, cross curricular reading/writing strategies. Microteaching or field experience.
Offered Fall, Spring

TED 407. Languages in Praxis. (3 Units)

Prerequisite: LBS 302 is required. Co-requisites: LBS 400 or LBS 405 required. Restricted to LBS majors. Focus on linguistic, social, and cultural factors in schooling language minority students; how factors considered for effective learning practices. Areas of concentration include primary language development, second language acquisition, evaluation, current research.
Offered Fall, Spring

TED 408. Elementary Art and Music Methods. (2 Units)

Prerequisite: Admission to Multiple Subject Program. Multicultural methods, materials and strategies for elementary art and music including instructional planning, lesson design and use of appropriate media materials and resources that are culturally and linguistically diverse.
Offered Fall, Spring

TED 410. Elementary Mathematics Methods. (3 Units)

Prerequisite: Admission to Multiple Subject Program. Methods and materials for elementary math education. Includes instructional planning, unit development, selection and preparation of curriculum materials, assessment procedures, problem-solving strategies and sheltered mathematics instruction.

Offered Fall, Spring, All terms

TED 411. Classroom Management Methods. (2 Units)

Prerequisite: Admission to Teacher Education. Focus on culturally and linguistically sensitive discipline strategies, management and effective teaching of techniques identified by recent research. A minimum of 15 hours field application required.

Offered Fall, Spring

TED 412. Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom. (4 Units)

Prerequisite: Admission to Phase 2 Multiple Subject Program; TED 403 is required. An inquiry-based approach to teaching elementary social studies integrated with reading/language arts, aligned with Common Core standards and California Subject Matter Frameworks. Candidates learn strategies to develop social studies content, concepts, and analysis skills, and expository and narrative literacy skills.

Offered Fall, Spring, All terms

TED 413. Elementary Physical Education, Visual and Performing Arts Methods. (3 Units)

Methods, materials and strategies for visual and performing arts, physical education, and health, in multiple subject classroom settings; including instructional planning, lesson design and use of appropriate media materials and resources that are culturally and linguistically diverse.

Offered All terms, Fall, Spring

TED 414. Cultural Ecology in the Classroom. (3 Units)

Co-requisites: TED 400, TED 402 and TED 407 are recommended. Integrates knowledge of cultural ecologies from the home, school and community. The course of study includes creating learning environments that reflect diversity, positive interactions between students and teacher, culturally responsive classroom management, multiple perspectives as well as a foundational approach to classroom rules, routines, procedures and norms.

Offered Fall, Spring

TED 415. Multicultural Ed in Urban Cont. (3 Units)

Prerequisite: Admission to Teacher Education. Analysis and application of the concepts of cultural diversity with emphasis on current issues in education in an urban context. Prepares teachers for multicultural environments and utilization of appropriate materials and methods for culturally, ethnically, and language diverse students.

Offered Fall, Spring

TED 416. Elementary Science Methods. (3 Units)

Prerequisite: Admission to Phase 2 of Multiple Subject Credential Program. Methods and materials for project-based elementary science education. Emphasizes inquiry-based instruction and includes instructional planning, multi-day lesson development, selection and preparation of curriculum materials, assessment procedures, problem-solving strategies, sheltered science and language instruction and health.

Offered Fall, Spring

TED 417. Seminar In Adult Education. (1 Units)

Prerequisites: Concurrent enrollment in TED 423 is required; TED 418, TED 419 and TED 421. Addresses beginning adult education intern needs for working in ethnically, culturally and language diverse adult school settings. It emphasizes problem solving and discussion of competency checklists used in intern fieldwork. One hour of seminar per week.

Offered As needed

TED 418. Methods and Materials of Adult Education, Part I. (2 Units)

Course covers instructional techniques; evaluation of student achievement and the learning process in adult education.

Offered As needed

TED 419. Methods and Materials of Adult Education, Part II. (2 Units)

Prerequisite: TED 418. Covers instructional techniques, instructional technology, strategies to address the needs of diverse learners and resources in the Adult Education community. Emphasis will be placed on three specific groups: ESL students, older adults and exceptional adults.

Offered As needed

TED 420. Computer Literacy for Teachers. (1 Units)

Prerequisite: Admission to Teacher Education. Focuses on computer basics, terminology, operation and care of computer-related hardware, trouble-shooting techniques, legal and ethical issues, copyright issues, and interacting with others using email and threaded discussion. Credit/no credit grading.

Offered Fall, Spring

TED 421. Principles Of Adult Education. (2 Units)

Course is designed to meet the requirements for the Designated Subject Credential. Topics include scope and function of adult education, knowledge of cultural differences in students and communities, curriculum, media and community relationships.

Offered As needed

TED 423. Super Fld Exper. Adult Ed. (2 Units)

Prerequisites: TED 421 and TED 422 are recommended. Course is designed to give student practical experiences in teaching adults. Includes participation in classroom, school and communities, and individualized assignments to fulfill the particular needs of each credential applicant. Evaluation of field experience in scheduled seminars. Credit/no credit grading.

Offered As needed

TED 424. Counseling and Guidance for Teachers of Adult Education. (2 Units)

Topics will cover counseling techniques to meet special needs of adult students and interpersonal relations/communication skills.

Offered As needed

TED 425. Workshop In Teaching Methods. (1-3 Units)

Study of various approaches, methods, and materials related to a selected area of the curriculum. Development of applications at elementary and/or secondary level. Two to six hours of activity per week.

Offered As needed, All terms

TED 426. Foundations of Education. (6 Units)

Co-requisite: TED 427 and TED 428 are required. Introduction to the TTT online teacher education program and the teaching profession, with a focus on foundations of education. Topics include the history of education, classroom management, language development for English learners and standard English learners, and students with special needs.

Offered All terms, Fall, Spring

TED 427. Content Pedagogy I. (6 Units)

Co-requisites: TED 426 and TED 428 are required. Focuses on lesson planning, standards and objectives, assessment, literacy development, problem-based learning in math and science, online resources, and application of principles of effective instruction in real-world contexts. Offered All terms, Fall, Spring

TED 428. Early Field Observation and Participation. (3 Units)

Co-requisites: TED 426 and TED 427 are required. Consists of a minimum of 40 hours of observation and participation. Candidates will draw on content and strategies from TED 426 and TED 427 in planning lessons for their early field experience. CR/NC grading. Offered All terms, Fall, Spring

TED 429. Supporting All Students. (6 Units)

Prerequisites: TED 426, TED 427 and TED 428 are required. Co-requisites: TED 430 and TED 431 are required. Focuses on developing strategies for supporting every learner, including those with disabilities and special needs. Explores the student Study Team. Addresses school health issues. Offered Fall, Spring

TED 430. Content Pedagogy 2. (6 Units)

Prerequisites: TED 426, TED 427 and TED 428 are required. Co-requisites: TED 429 and TED 431 are required. Focuses on universal access, inductive and deductive teaching strategies, and models of teaching. Compares Direct Instruction with Problem-Based Learning. Offered Fall, Spring

TED 431. Lab School Fieldwork Seminar. (3 Units)

Prerequisites: TED 426, TED 427, and TED 428 are required. Co-requisites: TED 429 and TED 430 are required. Consists of a minimum of 40 hours of observation and participation, plus the completion of specific tasks that develop the candidates' capacity to plan, instruct, assess and reflect in their content area. CR/NC grading. Offered Fall, Spring

TED 432. Interdisciplinary Teaching. (6 Units)

Prerequisites: TED 429, TED 430, and TED 431 are required. Co-requisites: TED 438 and TED 465 are required. Focuses on culture and ways in which teachers broaden their understanding of what students bring to their educational experience so as to build upon it for student success. Expands on concept of Project-Based Learning. Offered Fall, Spring

TED 433. Teaching Practices Seminar. (3 Units)

Prerequisite: Admission to Phase Two. Student teaching candidates observe and participate in a Multiple Subject classroom with an experienced teacher, accompanied by reflective seminar. Credit/no credit grading. Offered Fall, Spring

TED 434. Student Teach: Elem I. (3 Units)

Prerequisite: TED 400 and TED 411. Student teaching with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading. Offered Fall, Spring

TED 435. Elementary Student Teaching. (12 Units)

Prerequisite: TED 433. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 14. Credit/no credit grading. Offered Fall, Spring

TED 436. Seminar: Elementary Student Teachers. (1 Units)

Problem solving and use of competency checklists in student teaching at the elementary level. Credit/no credit grading. One hour of seminar per week. Offered As needed

TED 437. Elem Stu Teaching (integrated). (9 Units)

Prerequisite: TED 433. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading. Offered Fall, Spring

TED 438. Teaching Event and Assessment. (3 Units)

Prerequisites TED 429, TED 430, and TED 431 are required. Corequisites: TED 432 and TED 465 are required. Candidates complete the Teaching Event, the required summative, assessment, by demonstrating competency in all Teacher Performance Expectations. Candidates focus on student learning, select a learning segment, submit teaching artifacts and analysis, and assess the teaching event. CR/NC grading. Offered Fall, Spring

TED 439. Heritage Language Learner Pedagogies with Plurilingual TK-12 Students. (3 Units)

This course explores native and heritage language learning pedagogies in dual language classrooms with attention to TK-12 Latinx student experiences. Students engage in transformative curricular design with an emphasis on translanguaging. Course taught in Spanish. Offered Fall, Spring

TED 440. Critical Biliteracy with Plurilingual Communities. (3 Units)

This course explores asset based critical biliteracy pedagogies in multilingual TK-12 school communities. Students engage in collective curricular design process with an emphasis on developing critical biliteracy across content areas with students and families. Course taught in Spanish. Offered Fall, Spring

TED 445. Fieldwork: Elementary Interns. (6 Units)

Prerequisite: Admission to Fieldwork. Consists of two semesters of supervised classroom practice. Credit/no credit grading. Offered Fall, Spring

TED 446. Introduction to Internship: Multiple Subject University Intern. (1 Units)

Prerequisite: Admission to Fieldwork. Introduction to Critical Friends Inquiry Groups for elementary University Interns. Focus on reflective teacher inquiry, cognitive coaching, peer review and self-assessment. A-B/no credit grading. Offered Infrequent, All terms

TED 447. Intern Performance Assessment: Multiple Subject. (4 Units)

Prerequisite: TED 404. Assessment Seminar. Critical reflection on intern performance and student achievement correlated with the 13 Teacher Performance Expectations. Offered As needed

TED 448. Teaching Event: Multiple Subject. (2 Units)

Prerequisite: Admission to Phase Two. Candidates complete the Teaching Event, the required summative assessment, by demonstrating competency in all Teacher Performance Expectations. Candidates focus on student learning, select a learning segment, submit teaching artifacts and analysis, and assess the teaching event. Credit/no credit grading. Offered Fall, Spring

TED 453. Teaching Practices Seminar. (3 Units)

Prerequisite: Admission to Phase Two. Student teaching candidates observe and participate in a single subject classroom with an experienced teacher accompanied by reflective seminar. Credit/no credit grading.
Offered Fall, Spring

TED 454. Student Teaching Secondary I. (3 Units)

Prerequisite: TED 400 and TED 411. Student teaching with a master teacher at an urban multilingual/multicultural public secondary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading.
Offered As needed

TED 455. Student Teaching: Secondary. (12 Units)

Prerequisite: TED 453. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public secondary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading.
Offered As needed

TED 456. Seminar: Secondary Student Teachers. (1 Units)

Problem solving and discussion of competency check lists used in student teaching in multilingual, multiethnic, and multicultural secondary settings. CR/NC grading.
Offered As needed

TED 457. Student Teaching: Secondary II. (9 Units)

Prerequisite: TED 454. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading.
Offered As needed

TED 460. Creating a Supportive Healthy Environment for Secondary Student Learning. (1 Units)

Prerequisite: Admission to Single Subject Program. Single Subject credential candidates learn how to create a supportive healthy environment for secondary student learning.
Offered Fall, Spring

TED 465. Fieldwork: Secondary Interns. (6 Units)

Prerequisite: Admission to Fieldwork. Consists of two semesters of supervised classroom practice. Credit/no credit grading.
Offered Fall, Spring

TED 466. Introduction to Internship: Single Subject University Intern. (1 Units)

Prerequisite: Admission to Fieldwork. Introduction to Critical Friends Inquiry Groups for secondary University Interns. Focus on reflective teacher inquiry, cognitive coaching, peer review and self-assessment.
Offered Infrequent

TED 467. Secondary Teaching Methods I. (3 Units)

Prerequisite: Admission to Single Subject Program. Principles of effective instruction, critical thinking/questioning skills, lesson design, cooperative learning, sheltered instruction, guided discovery; curriculum materials for culturally, ethnically, and language diverse content classrooms.
Offered Fall, Spring

TED 468. Secondary Teaching Methods II. (3 Units)

Prerequisite: Admission to Single Subject Program. Taken in single subject credential area. Explores methods and materials for planning instructional units and lessons. Presents alternative strategies of instruction and evaluation to assure high-level learning with ethnically, culturally, and language diverse students.
Offered Fall, Spring

TED 469. Interdisciplinary Teaching Methods. (3 Units)

Prerequisite: Acceptance to intern status in single subject program or advancement to fieldwork status; TED 467 and TED 468; TED 406 recommended. Explores interdisciplinary teaching methods for the multicultural, multilingual classroom including psychological, philosophical perspectives. Presents strategies, practices, and resources for developing an integrated curriculum.
Offered As needed

TED 470. Critical Perspectives in Urban Education. (2 Units)

Prerequisite: TED 444. Capstone experience. Focuses on the professional obligations of teachers in society and the role of families and the community in the education of children. Addresses the historical, philosophical, cultural, and sociological foundations of American education from an equity perspective.
Offered As needed

TED 471. Secondary Methods III: Curriculum and Assessment. (3 Units)

Prerequisite: TED 467; concurrent enrollment in TED 468 recommended. Focus on interdisciplinary curriculum and assessment. Includes diagnostic, formative, and summative assessment. Focuses on evaluation, grading procedures, and use and interpretation of standardized exams as tools for instruction and monitoring of achievement.
Offered As needed

TED 472. Intern Performance Assessment: Single Subject. (4 Units)

Assessment Seminar. Critical reflection on intern performance and student achievement correlated with the 13 Teacher Performance Expectations.
Offered As needed

TED 476. Summative Assessment Seminar: Phase Two Multiple Subject Student Teachers. (2 Units)

Prerequisite: TED 475. Summative Assessment Seminar to complete reflective essay and performance task. Credit/no credit grading.
Offered As needed

TED 481. Summative Assessment Seminar: Phase Two Single Subject Student Teachers. (2 Units)

Summative Assessment Seminar to complete reflective essay and performance task. Credit/no credit grading
Offered As needed

TED 488. Teaching Event: Single Subject. (2 Units)

Prerequisite: Admission to Phase Two. Candidates complete the Teaching Event, the required summative assessment, by demonstrating competency in all Teacher Performance Expectations. Candidates focus on student learning, select a learning segment, submit teaching artifacts and analysis, and assess the teaching event. Credit/no credit grading.
Offered Infrequent

TED 490. Seminar: Issues in Education. (1-3 Units)

Identification of significant and persistent issues in education, to evaluate policy statements and published opinions with an awareness of elements involved. Repeatable course. One to three hours of seminar per week.
Offered As needed

TED 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. Independent study taken under the supervision of a faculty member. Repeatable course.

Offered As needed

TED 495. Special Topics in Teacher Education. (1-6 Units)

Selected topics in teacher education. Repeatable course up to six units.

Offered As needed

TED 501. Lesson Study: Engaging all Students in Learning. (3 Units)

Prerequisites: GED 500 is required. Introduction to the foundations of lesson study and its analysis for induction candidates. Collaboration in designing, observing and discussing lessons to provide universal access and engage all students in learning. Focus on English Learners, GATE students and students with special needs. Course is restricted to majors. Offered Spring

TED 502. Advanced Lesson Study II: Using Data to Improve Achievement. (3 Units)

Prerequisites: GED 500 is required. Advanced lesson study and its analysis for induction candidates. Collaboration in collecting, analyzing and using data to improve student learning. Focus on students who may be at risk. Course is restricted to majors.

Offered Fall

TED 503. Teacher Action Research Project. (3 Units)

Teacher action research methods course for induction teachers working in urban diverse classrooms. Candidates conduct inquiries on professional practices using scientific methods to improve student achievement.

Offered Spring

TED 504. Colloquium. (3 Units)

Prerequisite: GED 500 is required. Induction candidates do an in-depth intervention to increase student achievement. Multimedia presentation disseminating findings. Focus on students who may be at risk. Course is restricted to majors.

Offered Spring

TED 505. Educational Psychology. (3 Units)

Explores theory, research, and practice related to learning, motivation, and effective and cognitive development. Emphasis on the application of learning principles to classroom learning situations and individual differences.

Offered Fall, Spring

TED 506. Multicultural and Social Foundations of Education. (3 Units)

An investigation and analysis of cultural influences and constructs such as race, gender and class to provide insight into the relationship among the individual, society and school in US education.

Offered Fall, Spring

TED 507. Language Learning: Theory and Practice. (3 Units)

Focuses on theory, research, and teaching practices that concern language in education. using sociocultural theory as a lens, evaluate research and teaching practices that explore how people acquire language in multilingual and multimodal contexts within community, home and school settings.

Offered Fall, Spring

TED 551. Supportive Learning Environments. (3 Units)

Co-requisite: SPE 570. Candidates develop integrated systems for academic and social skills instruction for all students. Course includes study of behavior, positive behavioral interventions and supports, social skills instruction, crisis management, at the school-wide, classroom and individual student level.

Offered Fall, Spring

TED 553. Curriculum Planning, Implementation and Assessment. (3 Units)

Prerequisites: TED 551 and SPE 570 are required. Co-requisite: SPE 571 is required. In-depth study of the processes of curriculum planning, implementation and assessment, and application of these processes to student-generated lessons and units of instruction. Addresses California Standards for the Teaching Profession, data-driven decision making, differentiated instruction, problem-based learning, and instructional leadership.

Offered Fall, Spring

TED 560. MA in Education: Curriculum and Instruction Capstone. (1 Units)

Prerequisites: CUR 510 and CUR 519 are required. Preparation for the M.A. in Education Comprehensive Exam. Consists of small group, candidate presentations of specific TED, GED, and CUR course material.

Offered Fall, Spring

TED 594. Independent Study. (1-6 Units)

Prerequisite: Consent of instructor. Independent research under the supervision of a faculty member.

Offered Fall, Spring, Summer

TED 599. Thesis. (1-6 Units)

Prerequisite: Consent of Advisor. The student will execute an individually planned research effort or a creative project. Students work under individual supervision with assigned faculty. May be repeated up to six units.

Offered Fall, Spring

TED 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examinations, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Technology Based Education (TBE)

TBE 518. Current Topics in Educ. Tech.. (3 Units)

Prerequisite: TBE 520. Provides information about topics of current interest in educational technology. Course content and requirements vary by semester.

Offered Fall

TBE 520. Intro Computers In Edu. (3 Units)

Presents the uses of computers in educational settings, including: computer assisted instruction, criteria for software and hardware selection, computer-assisted testing, and an introduction to programming. Laboratory in educational computing provides experience in the following areas: Word processing, LOGO and BASIC programming, computerized grade books, computer-assisted testing and computer graphics.

Offered Infrequent

TBE 530. Graph/Word Proc/Dsk Tp Pub. (3 Units)

Prerequisite: TBE 520 or consent of instructor. Prepares students to use both paint and object-oriented graphics, word processing and desktop publishing software in preparing educational materials. Prepares the teachers who are students of this course to teach these skills to their pupils in the public schools.

Offered Spring

TBE 540. Programming Applic Edu. (3 Units)

Prerequisite: TBE 520. Fundamentals of computer programming logic using LOGO and web page development. Emphasis is on instructional design and the creation of classroom-related materials.

Offered Fall

TBE 550. Computer-Managed Instruction. (3 Units)

Prerequisite: TBE 520. This class presents skills for managing computer-based instruction, including IBM, Macintosh and Apple II series hardware and software troubleshooting, computer lab supervision, telecommunications, networking, and in-service training design and presentation.

Offered Fall, Spring

TBE 560. Prep Comp Asst Instr. (3 Units)

Prerequisite: TBE 540 or consent of instructor. Prepares students to plan and write drill and practice lessons, tutorials, simulations, tests, and supporting materials for computer assisted instruction.

Offered Fall

TBE 570. CAI Final Project. (3 Units)

Prerequisite: TBE 560 or consent of instructor. This capstone activity requires the student to develop, field-test and evaluate the effectiveness of a computer assisted instructional product.

Offered Spring

TBE 580. ePortfolio Development. (3 Units)

Prerequisite: TBE 560 is required. TBE 570 is recommended. Create an ePortfolio containing evidence using projects, papers, and/or activities demonstrating mastery of ISTE Technology Facilitation standards. The evidence for each standard must be accompanied by a written justification showing how the evidence meets the standard.

Offered Infrequent

Theatre Arts (THE)

THE 100. Television Film & Theatre. (3 Units)

Appreciation of the performing arts of television, film, and the live theatre through the viewing of films and videotapes, as well as attendance at plays and musicals.

Offered Fall, Spring

THE 120. Fundamentals of Speech. (3 Units)

Introduction to the basic principles of speech communication. Classes cover the use of organization and evidence in speech preparation, and emphasize research and performance techniques. Students develop speeches for a variety of topics and situations. A-C-/NC grading.

Offered Fall, Spring, Summer

THE 160. Acting For Non-Majors. (3 Units)

Introductory course for non-majors who wish to develop awareness and control of the voice and body while building self-confidence, and improving concentration and imagination.

Offered Fall, All terms

THE 251. Script Analysis. (3 Units)

A study of classical and contemporary dramas in terms of plot, character, theme, and language. Students analyze one script per week.

Offered Fall

THE 264. Acting I. (3 Units)

An integrative approach to the actor's emotional, intellectual, physical, and vocal tools. Exercises in characterization, voice, and movement will be emphasized.

Offered Fall

THE 269. Voice and Movement. (3 Units)

Foundational course for anyone interested in performing in Theatre, Film, or Television, or improving their speaking voice and strengthening their body. Voice and Movement allows students to engage their voices and body to effectively speak and communicate.

Offered All terms, Spring

THE 313. Voices of Contemporary Women Playwrights. (3 Units)

Prerequisite: Upper division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. By analyzing their dynamic writings, this course investigates the contributions of women to the modern dialogue on gender issues. Students will demonstrate how female playwrights have continually crossed boundaries to break with traditions and sculpt new cultural conventions.

Offered Fall, Spring

THE 315. Key Concepts: The American Musical. (3 Units)

Participation in any aspect of campus theatre or television production including (but not limited to) acting, stage management, scenery, lighting, costume, construction, audio, properties, box office, promotion, and running crews. This participation includes attendance at Theatre Arts productions for the semester enrolled.

Offered Infrequent

THE 317. Theatre of Revolt. (3 Units)

Prerequisites: Upper division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. Investigates the revolutionary impulse that has promoted modern drama in African, European, American and Asian/Pacific societies. Students learn how modern playwrights have continually crossed boundaries to break with traditions and sculpt new conventions.

Offered Fall

THE 319. The Power of Masks. (3 Units)

Prerequisites: Upper-division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. Covers the significance and function of ritual masks in African, European, American and Asian/Pacific societies; mask usage in literature, and the visual and performing arts; and the integration of psychological masking in human behavior.

Offered Fall

THE 320. Speech Skills and Techniques. (3 Units)

Effective and persuasive oral communication in a variety of situations: formal address, group discussion interviews, chairing of meetings, and others. Of particular value for Liberal Studies majors, managers and business persons.

Offered Spring

THE 322. Oral Interpretation of Literature. (3 Units)

Principles and practice in the effective delivery of readings in drama, poetry, and prose.

Offered Spring

THE 323. Interpersonal Communication. (3 Units)

Prerequisite: THE 120. Introductory study of interpersonal communication in face-to-face interaction; consideration of interpersonal roles, needs, barriers, perceptions, and adaptation.

Offered Infrequent

THE 326. Persuasion. (3 Units)

Discussion of techniques in argumentation and debate; logic, reasoning, and fallacies of reasoning; gathering and testing of evidence, construction of bases, and skills of refutation; practical application through debates about current issues.
Offered Infrequent

THE 329. Forensics Workshop. (3 Units)

Introduces the basic principles used in debate, persuasive speaking, oral interpretation, reader's theatre, and other competition events. Students discuss the use of organization and evidence in speech preparation, and research and performance techniques. Students participate in local intercollegiate competition events.
Offered Spring

THE 337. Creative Dramatics. (3 Units)

Creating, planning and assessing dramatic exercises, including theatre games, pantomime, and improvisation. Of particular value to prospective teachers of young children.
Offered Spring, All terms

THE 339. Multicultural Children's Theatre. (3 Units)

Analysis of educational theatre, multicultural plays, and folktales. Students discuss educational theatre production and how to create culturally-enriching programs at K-12 schools.
Offered Fall

THE 340. Costuming. (3 Units)

An introduction to the principles, elements and practicalities of costume design and their relation to design in the Theatre. Lectures on the elements and procedures in costume design, combined with practical exercises from individual skill-building projects.
Offered Spring odd

THE 341. Makeup and Hair. (3 Units)

An introduction to the principles, elements and practicalities of Makeup and Hair for theatre production. Students learn how to communicate design choices both visually and verbally through research, drawing and three dimensional makeup.
Offered Spring

THE 342. Fundamentals of Theatre Design. (3 Units)

A course in Theatre Arts Utilizing research, discussion and workshop demonstrations in order to integrate the six major areas of theatre design: scenery, costume, lighting, makeup, properties and audio.
Offered Fall

THE 343. Design/Tech II: The Design Experience. (3 Units)

Prerequisites: THE 243. Students are assigned design projects both on and off campus, where they can apply their skills. Students will work under the supervision of lead and/or master designers.
Offered Spring

THE 344. Stagecraft. (3 Units)

Study of basic skills and procedures used to realize a design idea into a finished stage production. Explores practical applications of artistic and structural design, project management, term development, construction techniques, and resource coordination.
Offered All terms, Spring

THE 345. Scene Design. (3 Units)

The basic techniques of the principles and practices of scenic design for stage. Included are design functions, construction, painting, modeling, history and theories of design.
Offered All terms, Spring

THE 346. Theatre Workshop. (3 Units)

Prerequisites: Consent of instructor and department chair. Investigation of a single topic, chosen in consultation with a faculty member, culminating in a paper, presentation, or project. Repeatable course.
Offered Fall, Spring

THE 347. Stage Lighting and Sound. (3 Units)

A course in the design of theatrical lighting and sound, and in the practical application of those designs. Learning in this course will be done via lectures as well as hands-on experience and selected reading.
Offered Fall

THE 353. Playwriting. (3 Units)

Theory and practice in writing for the stage. Students explore plotting, characterization, and dialogue; scenes and short plays are submitted for discussion and evaluation.
Offered Fall, All terms

THE 355. World Theatre and Drama I. (3 Units)

History and literature of the theatre from its origins through the 16th century. Emphasis on production styles, cultural background and literary trends.
Offered Fall, Spring, All terms

THE 357. World Theatre & Drama II. (3 Units)

History and literature of the theatre from the 16th century to the present with emphasis on production styles, cultural background and literary trends.
Offered Spring

THE 364. Acting II. (3 Units)

Prerequisites: THE 264 or consent of instructor. The actor's approach to a role, including text and character analysis. Performance of scenes from plays. Vocal work on dialects with concentration on melody, rhythm, and sound substitutions. Beginning movement work in body alignment, centering and balance.
Offered Spring

THE 367. Acting For The Camera. (3 Units)

Prerequisites: THE 160 or consent of instructor. Techniques of directing and performing before the camera. Scenes and presentations will be videotaped both in the studio and on location.
Offered Infrequent

THE 374. Stage Directing. (3 Units)

Prerequisites: THE 264 is recommended. Theories and techniques of directing for professional or educational play production. Students develop the ability to research, analyze and conceptualize in order to plan the rehearsal and performance of a play script. Attendance at the Theatre Arts two mainstage productions is required.
Offered Fall odd

THE 376. Stage Management. (3 Units)

Techniques of stage management, with practical applications. Covers stage manager responsibilities, pre-show preparations, scheduling, communication, and techniques for auditioning, rehearsing and running a production of live theatre. Attendance at department shows required.
Offered Fall

THE 440. Rehearsal and Performance. (1 Units)

Prerequisite: Audition or Approval of the Instructor Supervised activity as a performer or theatre technician in a Theatre Program approved, University sponsored production. Repeatable for credit.
Offered Fall, Spring

THE 453. Contemporary Drama. (3 Units)

A study of plays by American and international writers from the last twenty-five years. Emphasis on the works of playwrights from traditionally underrepresented groups.

Offered Infrequent

THE 464. Acting III. (3 Units)

Prerequisites: THE 264 and THE 364 or consent of instructor. Study and performance of period scenes involving methods of approaching various types of plays and specific problems they present the actor. Emphasis on the synthesis of analysis, action, characterization, subtext, vocal problems posed by verse and exploration of advanced movement techniques.

Offered Fall

THE 490. Seminar In Theatre Arts. (3 Units)

Prerequisite: Consent of instructor. Discussion and exploration of advanced problems in Theatre Arts. Intensive study of one or more subjects relating to the theatre and drama. Three hours of seminar per week.

Offered Spring

THE 494. Independent Study. (1-3 Units)

Offered Fall, Spring

THE 495. Special Topics In Theatre. (1-3 Units)

Study of a single topic in drama and theatre, to be determined by the instructor. Topic varies each offering. Repeatable course. One to three hours of lecture per week.

Offered Infrequent

THE 496. Off Campus Internship. (1 Units)

Prerequisites: THE 326 and THE 328. Directed work experience in the industries of local professional theatre, cable television, broadcast stations and networks, production houses, or motion picture studios under the supervision of a professionally-qualified mentor. CR/NC grading only. Repeatable course. Ten hours of work experience per week.

Offered Infrequent

THE 499. Senior Project. (2 Units)

A capstone course culminating in the production of a final, collaborative project. Selected in consultation with and evaluated by a faculty panel.

Offered Fall, Spring

Transitional Kindergarten (TKK)

TKK 501. Dynamics of Early Childhood Development and Growth. (3 Units)

Focus on understanding child development and learning. Child development includes the stages of physical, social, cognitive and linguistic growth from birth through age eight. Observation, assessment, culturally responsive and developmentally appropriate practices will be included.

Offered Infrequent

TKK 502. Critical Literacy and Social Studies for Young Children. (3 Units)

Prerequisites: TED 505 and TKK 501 are required. Through a critical lens, this course will address an integrated approach to the teaching and learning of social science and literacy with specific emphasis on social justice issues to evoke curiosity and imagination of young children that will lead them to solve problems and take action as emergent readers.

Restricted to majors.

Offered Infrequent

TKK 503. Mathematical and Scientific Concepts and Reasoning for Young Children. (3 Units)

Prerequisites: TED 505 and TKK 501 are required. This course is designed to explore developmentally appropriate constructivist methods and materials for teaching mathematics and scientific concepts and reasoning to young children. This course includes instructional planning, unit development, selection and preparation of curriculum materials, assessment procedures, and problem-solving strategies. Restricted to majors.

Offered Infrequent

University Courses (UNV)

UNV 101. Personal, Social and Intellectual Development. (3 Units)

A consideration of individual development with the goal of increasing knowledge of self and others within the University. Topics include self-knowledge and assessment, learning to learn, career development, and making the best use of university resources.

Offered Fall, Spring

UNV 110. Dominguez Hills Experience. (2 Units)

Introduction to resources, services, policies and procedures of the University; teaching of effective listening, inter-personal communication, term paper preparation, and other skills which will enhance and facilitate the educational experience.

Offered Infrequent

UNV 194. Independent Study. (1-3 Units)

Offered Infrequent

UNV 196. Internship. (1-3 Units)

Offered Infrequent

UNV 222. Learning How to Study. (2 Units)

Provides clarity regarding tasks to accomplish when studying and the tools to do it. Covers skills ranging from mastering a concept to figuring out your term paper topic prior to the night before it's due. Lecture and practice format.

Offered As needed

UNV 289. Leadership Development. (3 Units)

Enhance students' ability to apply leadership theories/concepts, critical/reflective thinking, and improve student leadership on campus. Weekly lectures combined with 30 hours of community service. Topics include personality types, leadership styles, organizational development, affecting change, involving organizations, and diversity.

Offered Fall, Spring

UNV 294. Independent Study. (1-3 Units)

Offered As needed

UNV 295. Selected Topics:. (1-3 Units)

A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in the Schedule of Classes. Repeatable for credit.

Offered As needed

UNV 296. Internship. (1-3 Units)

Offered Fall, Spring

UNV 300. Early Field Experience. (2 Units)

Prerequisite: LIVESCAN and Negative TB. Provides prospective single subject teachers with planned, structured field experiences in departmentalized classrooms in middle and senior high schools. Minimum of 45 hours of observation/participation in public schools, grades 7-12, is required. Credit/no credit grading.

Offered Fall, Spring

UNV 380. Portfolio Preparation. (1 Units)

Prerequisite: Completion of 30 units in residence prior to assessment. Supervised preparation of a Portfolio to Assess Prior Learning. CR/NC grading.

Offered Fall, Spring

UNV 382. Assess Of Prior Learn. (1-11 Units)

Prerequisite: Completion of 30 units in residence prior to assessment. Evaluation of Portfolio of Prior Learning. Prior learning is evaluated for credit by faculty experts in various departments. Credit may be used as elective units or, on approval of Department Chair, as part of requirements for a major or a minor. CR/NC grading. Repeatable course.

Offered Fall, Spring

UNV 394. Independent Study. (1-3 Units)

Offered Fall, Spring

UNV 395. Special Topics:. (1-3 Units)

A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in the Schedule of Classes. Repeatable for credit. Graduate

Offered As needed

UNV 396. Internship. (1-3 Units)

Offered Fall, Spring

UNV 492. Study Abroad Enrollment. (1-15 Units)

Offered All terms

UNV 494. Independent Study. (1-20 Units)

Offered Fall, Spring

UNV 495. Special Topics. (1-15 Units)

Offered As needed

UNV 496. Internship. (1-3 Units)

Offered As needed

UNV 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their culminating event or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program director required.

Infrequently Offered Courses

Offered Fall, Spring

UNV 900. Test Course. (2 Units)

Offered Infrequent

UNV 901. test course. (1 Units)

Offered Infrequent

UNV 999S. Wait List-No Classes Available. (0 Units)

Offered Infrequent

Women's Studies (WMS)

WMS 100. Gender, Sex, the Body, & Politics: An Introduction. (3 Units)

An introduction to the rapidly expanding body of literature related to the gendered aspects of health and sexuality with an emphasis on women.

Offered Fall, Spring

WMS 200. Foundations in Queer Studies. (3 Units)

An introduction to the field of Queer Studies by analyzing the role of gender, race, class, ability, and nationalism in the construction of modern lesbian, gay, bisexual, and trans (LGBT) identities, and it considers how queerness can operate as a disruption, expansion, or refusal of these identity categories.

Offered Fall, Spring, Summer

WMS 250. Foundations in Women's Studies. (3 Units)

Introduces students to Women's Studies. Students learn about gender from a multicultural, multiracial feminist and global perspective. Emphasis is on women's history; gender, culture, and nation; social institutions; sexuality, sexism, and violence; and local and transnational women's movements.

Offered Fall, Spring, Summer

WMS 295. Special Topics in Women's Studies. (3 Units)

An introductory study of an issue or a concept in Women's Studies that is of particular interest to both the faculty member and the students. Repeatable course with different topics.

Offered As needed

WMS 310. The Witch in Literature. (3 Units)

Examines representation of the witch and witchcraft in literature and culture in different historical periods and cultures.

Offered Fall, Spring, Summer

WMS 311. Comedy, Sex and Gender. (3 Units)

Examines representations of gender and sexuality in comedy and humor from multicultural perspectives. Topics include feminist humor and comedy as vehicles of social criticism and advocacy, and the relationships of the comedic to ethnicity, race and class.

Offered As needed

WMS 314. Feminism and Film. (3 Units)

Introduces issues that feminist theory poses for the analysis of film and culture. It focuses on women's contributions to, and representations in, film.

Offered As needed

WMS 315. Literary Topics in Gender Studies and Sexuality Studies. (3 Units)

Provides comparatist perspectives on the representation of women's roles and rights as expressed in a variety of writings from different historical periods and cultures. Students will gain an understanding of women's differential treatment in legal systems and social institutions from antiquity to present.

Offered As needed

WMS 318. Race, Class and Gender. (3 Units)

This cross-cultural, interdisciplinary course introduces students to women's issues as these interface with race and class. Students will recognize, analyze and evaluate the socio-political and economic forces that affect women's lives through a critical examination of race, class and gender.

Offered Fall, Spring, Summer

WMS 320. Feminist Principles. (3 Units)

Prerequisite: WMS 250 is required. A primer to principles of feminist philosophy, history, thought, methodology and current issues pertaining to women.

Offered Fall

WMS 330. Queer Art and Visual Culture. (3 Units)

Offers a reflection on key art practices and theories which develop an understanding of queerness. Stepping away from 'queer' as an identity marker, the readings and work offered will articulate how queer operates as a verb to subvert or wholly turn away from the conventional understandings of life to cultivate radical alternatives. Each week a theoretical text is paired with a 'case study' to offer an opening conversation on the political implications of queering art.

Offered Fall, Spring, Summer

WMS 340. Politics of Women's (Un)Paid Labor. (3 Units)

Focuses on women's labor participation in the family and society. Topics include women in professional and domestic labor markets, the politics of mothering and maternal labor, sex work, family policies, labor rights, wage gaps, and invisible work.

Offered Fall, Spring, Summer

WMS 350. Feminist Research Methods. (3 Units)

Prerequisites: WMS 250 and WMS 320 required. A primer to feminist research methods. Students will be introduced to a variety of ways in which feminists question and approach the production of knowledge.

Offered Spring

WMS 380. Gender and Sexuality in Popular Culture. (3 Units)

Introduction to contemporary US popular culture, with a focus on the ways popular culture production, consumption and representation reinforce and resist ideologies about gender, race, and sexual orientation.

Offered Fall, Spring, Summer

WMS 390. Transnational Feminisms. (3 Units)

Leaning away from older models of Global "Sisterhood" which privilege a singular western-focused model of democracy and gender, transnational feminisms are interested in respecting difference to understand local, historical, economic, and (post)-colonial conditions that women draw on to articulate resistance. This course offers differences between global feminism and transnational feminisms by moving through examples and case studies of how transnational feminisms look on the ground and in response to different modes of oppression.

Offered Spring

WMS 400. Feminist Theories. (3 Units)

Prerequisites: WMS 350 required. Advanced study in feminist theory. Course addresses major concepts and assumptions of feminist study in order to better understand how to address societal and power inequalities and to improve women's status globally.

Offered Fall

WMS 410. Queer of Color Critique. (3 Units)

Brings Women of Color Feminisms to bear on Queer theory to understand that people have (political or intimate) desires and attachments which are not always legible. Familiarizes students with the cultural, political and economic concerns of QoCC and how it interrupts socially dominant categories of sexuality.

Offered Fall, Spring, Summer

WMS 490. Senior Capstone. (3 Units)

Prerequisite: WMS 400 required. A critical analysis and interpretation of major feminist theories and contemporary issues in women's studies. Special attention will be paid to different discourse communities - academic, internet, personal - as they relate to feminism and the women's movement, in order to help students think more deeply about being a reader and writer of feminist scholarship. Students will be exposed to influential and emergent feminist theories in order to produce original research projects, papers, and/or creative works. A grade of C or better in this course fulfills the GVAR requirement for all Biology majors and minors

Offered Spring

WMS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator. Independent study of a particular problem, issue, or readings under the direction of a member of the Women's Studies faculty. Course is not repeatable for credit in the Women's Studies minor.

Offered As needed

WMS 495. Special Topics: Women's Studies. (3 Units)

An intensive study of an issue or a concept in Women's Studies that is of particular interest to both the faculty member and the students.

Repeatable course with different topics. Three hours of seminar per week. Offered As needed

WMS 496. Internship in Women's Studies. (3 Units)

Practical application of coursework in Women's Studies through supervised work and field experience in politics, law, art, communications, social welfare agencies or other area as approved by the instructor and coordinator of the program. Course is not repeatable for credit in the Women's Studies minor.

Offered Fall, Spring

ACADEMICS

| Program | College | Level | Type |
|---|---|---------------|----------|
| Accounting, Master of Science (p. 352) | Business Administration and Public Policy | Graduate | Master |
| Advertising and Public Relations, Bachelor of Arts (p. 354) | Arts and Humanities | Undergraduate | Bachelor |
| Africana Studies, Bachelor of Arts (p. 359) | Arts and Humanities | Undergraduate | Bachelor |
| Africana Studies, Minor (p. 361) | Arts and Humanities | Undergraduate | Minor |
| Anthropology, Bachelor of Arts (p. 365) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Anthropology, Minor (p. 370) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Cultural Resource Management, Certificate (p. 370) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Indigenous Peoples of the Americas, Minor (p. 370) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Art, Bachelor of Arts (p. 374) | Arts and Humanities | Undergraduate | Bachelor |
| Art, Minor (p. 375) | Arts and Humanities | Undergraduate | Minor |
| Ceramics, Minor (p. 376) | Arts and Humanities | Undergraduate | Minor |
| Art History, Bachelor of Arts (p. 378) | Arts and Humanities | Undergraduate | Bachelor |
| Art History, Minor (p. 379) | Arts and Humanities | Undergraduate | Minor |
| Arts and Humanities, Master of Arts (p. 380) | Arts and Humanities | Graduate | Master |
| Humanities, Minor (p. 381) | Arts and Humanities | Undergraduate | Minor |
| Asian-Pacific Studies, Bachelor of Arts (p. 384) | Arts and Humanities | Undergraduate | Bachelor |
| Asian-Pacific Studies, Minor (p. 387) | Arts and Humanities | Undergraduate | Minor |
| Audio Engineering, Bachelor of Arts (p. 388) | Arts and Humanities | Undergraduate | Bachelor |
| Behavioral Science, Bachelor of Arts (p. 390) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Behavioral Science, Minor (p. 392) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Biochemistry, Bachelor of Science (p. 394) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Biology, Bachelor of Arts (p. 402) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Biology, Bachelor of Science (p. 404) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Biology, Minor (p. 410) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Biology, Master of Science (p. 408) | Natural and Behavioral Sciences | Graduate | Master |
| Biology, Subject Matter Preparation (p. 410) | Natural and Behavioral Sciences | Graduate | Subject |
| Microbiology, Minor (p. 410) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Biophysics, Bachelor of Science (p. 412) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Accounting, Certificate (p. 417) | Business Administration and Public Policy | Undergraduate | Cert |
| Business Administration, Bachelor of Science (p. 418) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Business Administration, Minor (p. 436) | Business Administration and Public Policy | Undergraduate | Minor |

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| Data Analytics, Minor (p. 436) | Business Administration and Public Policy | Undergraduate | Minor |
| Executive Management Certificate (p. 437) | Business Administration and Public Policy | Undergraduate | Cert |
| Information Systems, Certificate (p. 438) | Business Administration and Public Policy | Undergraduate | Cert |
| Information Systems, Minor (p. 438) | Business Administration and Public Policy | Undergraduate | Minor |
| Information Systems Security, Minor (p. 437) | Business Administration and Public Policy | Undergraduate | Minor |
| Logistics Management, Post-MBA Certificate (p. 439) | Business Administration and Public Policy | Graduate | Cert |
| Management, Minor (p. 439) | Business Administration and Public Policy | Undergraduate | Minor |
| Marketing, Certificate (p. 439) | Business Administration and Public Policy | Undergraduate | Cert |
| Marketing, Minor (p. 439) | Business Administration and Public Policy | Undergraduate | Minor |
| Marketing, Post-MBA Certificate (p. 440) | Business Administration and Public Policy | Graduate | Cert |
| Sports Management, Certificate (p. 440) | Business Administration and Public Policy | Undergraduate | Cert |
| Chemistry, Bachelor of Arts (p. 443) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Chemistry, Bachelor of Science (p. 446) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Chemistry, Subject Matter Authorization (p. 447) | Natural and Behavioral Sciences | Graduate | Subject |
| Organic/Biochemistry, Minor (p. 448) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Chicana/Chicano Studies, Bachelor of Arts (p. 451) | Arts and Humanities | Undergraduate | Bachelor |
| Chicana/Chicano Studies, Minor (p. 453) | Arts and Humanities | Undergraduate | Minor |
| Child Development, Bachelor of Science (p. 456) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Clinical Science, Bachelor of Science (p. 470) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Clinical Science - Cytotechnology, Post-Baccalaureate Certificate (p. 469) | Health, Human Services, and Nursing | Post-Baccalaureate | Cert |
| Clinical Science - Medical Technology, Post-Baccalaureate Certificate (p. 469) | Health, Human Services, and Nursing | Post-Baccalaureate | Cert |
| Advertising, Minor (p. 478) | Arts and Humanities | Undergraduate | Minor |
| Communications, Minor (p. 478) | Arts and Humanities | Undergraduate | Minor |
| Computer Science, Bachelor of Science (p. 483) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Computer Science, Certificate (p. 485) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Computer Science, Minor (p. 489) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Computer Science, Master of Science (p. 486) | Natural and Behavioral Sciences | Graduate | Master |
| Computer Technology, Bachelor of Arts (p. 492) | Natural and Behavioral Sciences | Undergraduate | Bachelor |

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| Computer Technology, Certificate (p. 496) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Computer Technology, Minor (p. 496) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Child Welfare and Attendance Authorization (p. 503) | Education | Graduate | Credential |
| College Counseling, Certificate (p. 504) | Education | Graduate | Cert |
| Counseling, Master of Science (p. 504) | Education | Graduate | Master |
| School Counseling, Pupil Personnel Credential (p. 505) | Education | Graduate | Credential |
| Criminal Justice Administration, Bachelor of Science (p. 508) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Criminal Justice Administration, Minor (p. 511) | Business Administration and Public Policy | Undergraduate | Minor |
| Cyber Security, Master of Science (p. 514) | Natural and Behavioral Sciences | Graduate | Master |
| Dance, Bachelor of Arts (p. 519) | Arts and Humanities | Undergraduate | Bachelor |
| Dance, Minor (p. 522) | Arts and Humanities | Undergraduate | Minor |
| Design, Bachelor of Arts (p. 524) | Arts and Humanities | Undergraduate | Bachelor |
| Design, Minor (p. 526) | Arts and Humanities | Undergraduate | Minor |
| Digital Graphics, Minor (p. 526) | Arts and Humanities | Undergraduate | Minor |
| Photography, Minor (p. 526) | Arts and Humanities | Undergraduate | Minor |
| Audio Technology, Certificate (p. 530) | Arts and Humanities | Undergraduate | Cert |
| Digital Media Arts, Bachelor of Arts (p. 530) | Arts and Humanities | Undergraduate | Bachelor |
| Television Arts, Certificate (p. 531) | Arts and Humanities | Undergraduate | Cert |
| Earth Science, Bachelor of Science (p. 533) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Earth Sciences, Minor (p. 535) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Educational Leadership Justice, Doctorate (p. 539) | Education | Post-Baccalaureate | Doctorate |
| Educational Leadership Justice (p. 535) | Education | Post-Baccalaureate | Doctorate |
| Creative Writing, Minor (p. 547) | Arts and Humanities | Undergraduate | Minor |
| English, Bachelor of Arts (p. 547) | Arts and Humanities | Undergraduate | Bachelor |
| English, Master of Arts (p. 551) | Arts and Humanities | Graduate | Master |
| English, Minor (p. 553) | Arts and Humanities | Undergraduate | Minor |
| English, Subject Matter Preparation (p. 553) | Arts and Humanities | Graduate | Subject |
| Linguistics, Minor (p. 553) | Arts and Humanities | Undergraduate | Minor |
| Professional and Creative Writing, Certificate (p. 553) | Arts and Humanities | Undergraduate | Cert |
| Rhetoric and Composition, Certificate (p. 554) | Arts and Humanities | Undergraduate | Cert |
| Teaching of English to Speakers of Other Languages (TESOL), Certificate (p. 554) | Arts and Humanities | Graduate | Cert |
| Environmental Science, Master of Science (p. 556) | Natural and Behavioral Sciences | Graduate | Master |
| Alcohol and Drug Counseling, Certificate (p. 497) | Extended and International Education | Undergraduate | Cert |
| American Language and Culture Program (p. 497) | Extended and International Education | Graduate | Credential |

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| Assistive Technology, Specialist Certificate (p. 497) | Extended and International Education | Undergraduate | Cert |
| Communication Sciences and Disorders, Certificate (p. 497) | Extended and International Education | Undergraduate | Cert |
| Community College Teaching, Certificate (p. 498) | Extended and International Education | Undergraduate | Cert |
| Designated Subjects Adult Education, Teaching Credential (p. 499) | Extended and International Education | Graduate | Credential |
| Human Resources Management, Certificate (p. 499) | Extended and International Education | Undergraduate | Cert |
| Mediation and Conflict Resolution, Certificate (p. 500) | Arts and Humanities | Undergraduate | Cert |
| Production and Inventory Control, Certificate (p. 500) | Extended and International Education | Undergraduate | Cert |
| Purchasing, Certificate (p. 500) | Extended and International Education | Undergraduate | Cert |
| Sport and Fitness Psychology, Certificate (p. 501) | Extended and International Education | Undergraduate | Cert |
| Film, Television, and Media, Bachelor of Arts (p. 565) | Arts and Humanities | Undergraduate | Bachelor |
| Film and Television Production, Bachelor of Arts (p. 559) | Arts and Humanities | Undergraduate | Bachelor |
| Geography, Bachelor of Arts (p. 569) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Geography, Minor (p. 570) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Geotechniques, Certificate (p. 571) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Administrative Services Credential (p. 573) | Education | Graduate | Credential |
| Higher Education Administration and Leadership (HEAL), Graduate Certificate (p. 575) | Education | Graduate | Cert |
| Health Science, Bachelor of Science (p. 583) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Health Science, Minor (p. 591) | Health, Human Services, and Nursing | Undergraduate | Minor |
| Health Science, Master of Science (p. 588) | Health, Human Services, and Nursing | Graduate | Master |
| History, Bachelor of Arts (p. 596) | Arts and Humanities | Undergraduate | Bachelor |
| History, Minor (p. 600) | Arts and Humanities | Undergraduate | Minor |
| Specific History Subject Matter Authorization (p. 600) | Arts and Humanities | Graduate | Subject |
| Human Services, Bachelor of Arts (p. 603) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Mental Health Recovery, Certificate (p. 606) | Health, Human Services, and Nursing | Undergraduate | Cert |
| Humanities External, Master of Arts (p. 610) | Extended and International Education | Graduate | Master |
| Academics (p. 344) | Extended and International Education | | |
| Information Technology, Bachelor of Science (p. 613) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Environmental Studies, Minor (p. 617) | Arts and Humanities | Undergraduate | Minor |
| Global Studies, Minor (p. 617) | Arts and Humanities | Undergraduate | Minor |

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| Interdisciplinary Studies, Bachelor of Arts (p. 619) | Arts and Humanities | Undergraduate | Bachelor |
| Interdisciplinary Studies, Minor (p. 623) | Arts and Humanities | Undergraduate | Minor |
| Journalism, Bachelor of Arts (p. 625) | Arts and Humanities | Undergraduate | Bachelor |
| Journalism: Latinx Concentration, Bachelor of Arts (p. 627) | Arts and Humanities | Undergraduate | Bachelor |
| Coaching, Minor (p. 636) | Health, Human Services, and Nursing | Undergraduate | Minor |
| Fitness Instructor, Certificate (p. 636) | Health, Human Services, and Nursing | Undergraduate | Cert |
| Education: Physical Education Administration, Master of Arts (p. 636) | Health, Human Services, and Nursing | Graduate | Master |
| Physical Education, Bachelor of Arts (p. 637) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Physical Education, Subject Matter Preparation (p. 641) | Health, Human Services, and Nursing | Graduate | Subject |
| Teaching, Minor (p. 641) | Health, Human Services, and Nursing | Undergraduate | Minor |
| Labor Studies, Bachelor of Arts (p. 644) | Arts and Humanities | Undergraduate | Bachelor |
| Labor Studies, Certificate (p. 645) | Arts and Humanities | Undergraduate | Cert |
| Labor Studies, Minor (p. 646) | Arts and Humanities | Undergraduate | Minor |
| Language and Linguistics, Bachelor of Arts (p. 652) | Arts and Humanities | Undergraduate | Bachelor |
| Liberal Studies, Bachelor of Arts (p. 658) | Education | Undergraduate | Bachelor |
| Liberal Studies: Integrated (Multiple Subject) Option, Bachelor of Arts (p. 675) | Education | Undergraduate | Bachelor |
| Liberal Studies ITEP Mild/Moderated Disabilities Option, Bachelor of Arts (p. 656) | Education | Undergraduate | Bachelor |
| Marital and Family Therapy, Master of Science (p. 683) | Health, Human Services, and Nursing | Graduate | Master |
| Introductory Mathematics, Subject Matter Authorization (p. 690) | Natural and Behavioral Sciences | Graduate | Subject |
| Mathematics, Bachelor of Science (p. 690) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Mathematics, Minor (p. 693) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Introductory and Specific Music, Subject Matter Authorization (p. 703) | Arts and Humanities | Graduate | Subject |
| Music, Bachelor of Arts (p. 704) | Arts and Humanities | Undergraduate | Bachelor |
| Music Education, Minor (p. 704) | Arts and Humanities | Undergraduate | Minor |
| Conflict Analysis and Resolution, Post-Master's Certificate (p. 714) | Arts and Humanities | Graduate | Cert |
| Negotiation, Conflict Resolution and Peacebuilding, Bachelor of Arts (p. 715) | Arts and Humanities | Undergraduate | Bachelor |
| Negotiation, Conflict Resolution and Peacebuilding, Master of Arts (p. 716) | Arts and Humanities | Graduate | Master |
| Clinical Nurse Specialist, Post-Master's Certificate (p. 723) | Health, Human Services, and Nursing | Graduate | Cert |

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| Neonatal Clinical Nurse Specialist, Post-Master's Certificate (p. 724) | Health, Human Services, and Nursing | Post-Baccalaureate | Cert |
| Nursing Administration, Post-Master's Certificate (p. 724) | Health, Human Services, and Nursing | Graduate | Cert |
| Nursing, Bachelor of Science (p. 725) | Health, Human Services, and Nursing | Undergraduate | Bachelor |
| Nursing Education, Post-Master's Certificate (p. 725) | Health, Human Services, and Nursing | Graduate | Cert |
| Nursing, Master of Science (p. 727) | Health, Human Services, and Nursing | Graduate | Master |
| Occupational Therapy, Master of Science (p. 738) | Health, Human Services, and Nursing | Graduate | Master |
| Occupational Therapy, Doctorate (p. 741) | Health, Human Services, and Nursing | Graduate | Doctorate |
| Organizational Leadership Studies , Bachelor of Science (p. 745) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Philosophy, Bachelor of Arts (p. 749) | Arts and Humanities | Undergraduate | Bachelor |
| Philosophy, Minor (p. 752) | Arts and Humanities | Undergraduate | Minor |
| Religious Studies, Minor (p. 752) | Arts and Humanities | Undergraduate | Minor |
| Physics, Bachelor of Science (p. 756) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Physics, Minor (p. 760) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Political Science, Bachelor of Arts (p. 765) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Political Science, Minor (p. 770) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Psychology, Bachelor of Arts (p. 780) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Psychology, Master of Arts (p. 782) | Natural and Behavioral Sciences | Graduate | Master |
| Psychology, Minor (p. 784) | Natural and Behavioral Sciences | Undergraduate | Minor |
| Criminal Justice Administration, Minor (p. 790) | Business Administration and Public Policy | Undergraduate | Minor |
| Public Administration, Bachelor of Science (p. 790) | Business Administration and Public Policy | Undergraduate | Bachelor |
| Public Administration, Minor (p. 797) | Business Administration and Public Policy | Undergraduate | Minor |
| Public Administration, Master of Public Administration (p. 797) | Business Administration and Public Policy | Graduate | Master |
| Quality Assurance, Bachelor of Science (p. 802) | Extended and International Education | Undergraduate | Bachelor |
| Quality Assurance, Master of Science (p. 803) | Extended and International Education | Graduate | Master |
| Radiologic Imaging Sciences, Certificate (p. 807) | Health, Human Services, and Nursing | Undergraduate | Cert |
| Radiologic and Imaging Sciences, Master of Science (p. 806) | Health, Human Services, and Nursing | Graduate | Master |
| School Leadership, Master of Arts (p. 809) | Education | Graduate | Master |
| Social Work, Master of Social Work (p. 814) | Health, Human Services, and Nursing | Graduate | Master |
| Community Organizing, Certificate (p. 820) | Natural and Behavioral Sciences | Undergraduate | Cert |
| Social Research, Certificate (p. 821) | Natural and Behavioral Sciences | Undergraduate | Cert |

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| Social Research, Graduate Certificate (p. 821) | Natural and Behavioral Sciences | Graduate | Cert |
| Sociology, Bachelor of Arts (p. 821) | Natural and Behavioral Sciences | Undergraduate | Bachelor |
| Sociology, Master of Arts (p. 824) | Natural and Behavioral Sciences | Graduate | Master |
| Sociology, Minor (p. 826) | Natural and Behavioral Sciences | Undergraduate | Minor |
| PRE-SERVICE TEACHER BILINGUAL AUTHORIZATION IN SPANISH, CERTIFICATE (p. 829) | Arts and Humanities | Undergraduate | Cert |
| Spanish, Bachelor of Arts (p. 831) | Arts and Humanities | Undergraduate | Bachelor |
| Spanish Culture, Minor (p. 830) | Arts and Humanities | Undergraduate | Minor |
| Spanish Grammar and Writing, Minor (p. 830) | Arts and Humanities | Undergraduate | Minor |
| Spanish Linguistics, Minor (p. 830) | Arts and Humanities | Undergraduate | Minor |
| Spanish Literature, Minor (p. 831) | Arts and Humanities | Undergraduate | Minor |
| Spanish, Subject Matter Preparation (p. 834) | Arts and Humanities | Graduate | Subject |
| Assistive Technology Specialist, Certificate (p. 838) | Education | Undergraduate | Cert |
| Preliminary Education Specialist: Early Childhood Special Education, Intern Option, Credential (p. 839) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Early Childhood Special Education, Student Teaching Option, Credential (p. 840) | Education | Post-Baccalaureate | Credential |
| Early Childhood Special Education Authorization (p. 839) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Extensive Support Needs, Intern Option, Credential (p. 841) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Extensive Support Needs, Student Teaching Option, Credential (p. 842) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Mild to Moderate Support Needs, Intern Option, Credential (p. 842) | Education | Post-Baccalaureate | Credential |
| Preliminary Education Specialist: Mild to Moderate Support Needs, Student Teaching Option, Credential (p. 843) | Education | Post-Baccalaureate | Credential |
| Special Education, Master of Arts (p. 844) | Education | Graduate | Master |
| Teacher Induction Program (Clear Credential) (p. 846) | Education | Post-Baccalaureate | Credential |
| Systems Engineering, Master of Science (p. 851) | Natural and Behavioral Sciences | Graduate | Master |
| Pre-Service Teacher Bilingual Authorization in Spanish, Certificate (p. 865) | Education | Post-Baccalaureate | Cert |
| Dual Language Learning, Certificate (p. 860) | Education | Undergraduate | Cert |
| Education, Master of Arts (p. 861) | Education | Graduate | Master |
| Multiple Subject Preliminary: Student Teaching Option, Credential (p. 864) | Education | Post-Baccalaureate | Credential |

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| Multiple Subject Preliminary: University Intern Option, Credential (p. 864) | Education | Post-Baccalaureate | Credential |
| Single Subject Preliminary: Student Teaching Option, Credential (p. 866) | Education | Post-Baccalaureate | Credential |
| Single Subject Preliminary: University Intern Option, Credential (p. 866) | Education | Post-Baccalaureate | Credential |
| Subject Matter Authorizations (p. 867) | Education | Post-Baccalaureate | Subject |
| Transitional Kindergarten, Certificate (p. 868) | Education | Undergraduate | Cert |
| Speech, Minor (p. 871) | Arts and Humanities | Undergraduate | Minor |
| Theatre Arts, Bachelor of Arts (p. 871) | Arts and Humanities | Undergraduate | Bachelor |
| Theatre Education, Minor (p. 873) | Arts and Humanities | Undergraduate | Minor |
| Theatre Performance, Minor (p. 873) | Arts and Humanities | Undergraduate | Minor |
| Women's Studies, Bachelor of Arts (p. 876) | Arts and Humanities | Undergraduate | Bachelor |
| Women's Studies, Minor (p. 877) | Arts and Humanities | Undergraduate | Minor |
| CAH Student Success Center (p. 21) | Arts and Humanities | | |
| CBAPP Student Success Center (p. 22) | Business Administration and Public Policy | | |
| CHHSN Student Success Center (p. 22) | Health, Human Services, and Nursing | | |
| CNBS Student Success Center (p. 23) | Natural and Behavioral Sciences | | |

Accounting

College of Business Administration and Public Policy
Department of Accounting

Program Description

The Master of Science in Accounting program is tailored for accounting undergraduates who seek advanced study in accounting and prepare themselves for the professional field of accounting. Students can expect this program aims to fulfill the 30 units of accounting related subjects education requirement for the CPA licensure in addition to their undergraduate degree in accounting.

Academic Advisement

Master of Science in Accounting students seeking advisement must contact CBAPP Graduate and Professional Programs Department located in II 3500, (310) 243-3646. The office is open Monday through Friday from 9 am to 6 pm.

Preparation

Master of Science in Accounting students are in high demand for positions within the professional accounting fields. Graduates of the program can expect to be eligible for the Certified Public Accountant (CPA) licensure pending meeting all requirements. CPA licensure will provide credibility and distinguish graduates of the MS in Accounting program from other accounting professionals.

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements.

The California State University has not determined whether its programs meet other states' educational or professional requirements for licensure and certification. Students enrolled in a California State University program who are planning to pursue licensure or certification in other states are responsible for determining whether they will meet their state's requirements for licensure or certification. This disclosure is made pursuant to 34 CFR §668.43(a)(5)(v)(C).

Jose N. Martinez, Department Chair

Cenap Ilter, Program Coordinator

Betty Vu, Graduate Program Coordinator

Hak Joon Song, Ph.D., CPA

Harun Rashid, Ph.D.

Li-Lin Liu, Ph.D., CPA

Meghna Singhvi, Ph.D.

Sheng Yi, Ph.D.

Department Office & Phone Number: (310) 243-3548

Courses

ACC 502. Advance Cost Management and Related Accounting. (3 Units)

Prerequisite: ACC 230 or equivalent. Application of functional accounting in contemporary business. Decision making through the integrated use of financial accounting (reporting to outside interests) and managerial accounting (accounting information for internal decision making) including relevant income tax consequences. Case analysis oral/written presentation and computer usage required.
Offered Infrequent

ACC 510. Research of Accounting Principles. (3 Units)

Develops a student's ability to conduct accounting research employing the FASB Codification of U.S. GAAP, U.S. tax laws, international auditing and governmental standards and guidance. Research will culminate in written reports on accounting issues. Restricted to majors.
Offered Fall

ACC 520. Accounting Ethics and Corporate Social Responsibility. (3 Units)

Examines the ethical responsibilities of accounting professionals by utilizing various authoritative codes of conduct, professional standards and applied ethical theory. This course also examines the concept of corporate social responsibility by analyzing complex CSR-related issues. Restricted to majors.
Offered Fall

ACC 530. Forensic Accounting and Cybersecurity for Accounting MS Program. (3 Units)

Explores the forensic accountant's role in today's economy. Topics covered include fraud detection and investigation techniques, cyber security, valuation of closely held businesses, lost profits analyses, types of litigation support services, and legal concepts governing expert witness testimony.
Offered Fall, Spring

ACC 540. Advanced Accounting. (3 Units)

Concepts and principles of partnerships, business combination, accounting for multinational enterprises, and introduction to governmental and nonprofit accounting
Offered Fall, Spring

ACC 550. Advanced Auditing for Accounting MS Program. (3 Units)

Masters-level course designed to enhance students' understanding of the following: (1) fundamental auditing concepts, (2) the application of auditing standards to real-world cases, (3) a risk-management approach to handling client acceptance and continuance issues, and (4) ethical issues faced by auditors.
Offered Fall, Spring

ACC 560. Accounting Information Systems and Associated Internal Control Frameworks. (3 Units)

Master-level course with focus on both conceptual models and physical implementation of accounting information systems.
Offered Fall, Spring

ACC 570. Financial Statement Analysis and Valuation. (3 Units)

Course designed to prepare students to interpret and analyze financial statements in greater depth for tasks such as credit and security analyses, lending and investment decisions, and other decisions that rely on financial data from the perspective of financial statement users.
Offered Fall, Spring

ACC 580. Strategic Tax Planning. (3 Units)

Provides a comprehensive understanding of tax-planning framework as it relates to business transactions of all parties, considerations of implicit and explicit taxes as well as considerations of various costs and nontax issues of business entities.
Offered Fall, Spring

ACC 590. Advanced Capstone Governmental and Non-Profit Accounting. (3 Units)

Prerequisite: ACC 540 is required. Capstone course that covers Governmental and Non-Profit Accounting, which includes the nature of fund accounting systems used by governments and nonprofit entities. Restricted to majors.
Offered Fall, Spring

ACC 595. Selected Topics in Accounting. (3 Units)

Prerequisites: Graduate standing and ACC 502. Intensive study of a specialized area of Accounting on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course.
Offered Infrequent

Accounting, Master of Science

Admission Requirements

All applicants must have a cumulative GPA of 2.5 or higher in accounting undergraduate degree. Applicants who do not have an accounting degree will not qualify. Applicants ineligible due to undergraduate degree may opt for the certificate in accounting offered through the College of Business Administration and Public Policy.

Program Requirements

Graduate standing with undergraduate accounting major or equivalent.

Master of Science in Accounting (30 units)

Required Courses

| Code | Title | Hours |
|---------|---|-------|
| ACC 502 | Advance Cost Management and Related Accounting | 3 |
| ACC 510 | Research of Accounting Principles | 3 |
| ACC 520 | Accounting Ethics and Corporate Social Responsibility | 3 |
| ACC 530 | Forensic Accounting and Cybersecurity for Accounting MS Program | 3 |
| ACC 540 | Advanced Accounting | 3 |
| ACC 550 | Advanced Auditing for Accounting MS Program | 3 |
| ACC 560 | Accounting Information Systems and Associated Internal Control Frameworks | 3 |
| ACC 570 | Financial Statement Analysis and Valuation | 3 |
| ACC 580 | Strategic Tax Planning | 3 |
| ACC 590 | Advanced Capstone Governmental and Non-Profit Accounting | 3 |

- Demonstrate an in-depth, advanced knowledge base including the IFRS that reflects the current theories and best practices within

accounting discipline at graduate level. Students will read applied scholar accounting literature to determine or evaluate appropriate scholarly research question(s) and the appropriateness of the research approach and synthesize to reach cogent conclusions.

- Demonstrate an ability to perform independently, both intellectually and professionally, within the accounting discipline at graduate level. Students will determine the impact of different accounting procedures to decide upon best method for a given set of contingencies within business, non-profit and governmental accounting fields.
- Demonstrate advanced oral communication and writing skills reflective of styles predominant in accounting discipline at graduate level. Students demonstrate proficiency in oral communication skills needed for the accounting profession by working and sharing with their peers in a group and presenting their group research/case projects. Students will demonstrate effective written communication skills in written assignments in an organized manner with appropriate sentence/paragraph structure grammar and referencing and suitable word choice and tone.
- Demonstrate responsible ethical and professional conduct related to accounting discipline in all facets of their educational and professional lives. Students will discern ethical behavior from unethical behavior by learning real life case studies in the business/accounting field.
- Demonstrate skills designed to contribute to the development of the accounting discipline at the economic, social and civic policy levels. Students will demonstrate an understanding of the environmental issues and the responsibility of business enterprises towards their immediate communities and the environment.

Advertising and Public Relations

College of Arts and Humanities
Department of Communications

Program Description

The Bachelor of Arts in Advertising and Public Relations degree program is designed to help students develop an in-depth understanding of the role and impact of advertising and public relations in both for-profit and nonprofit organizations. The program focuses on preparing students to become logical and innovative advertising and public relations professionals who also examine the ethical and cultural values in their practice. The curriculum is designed to emphasize professional skills, analytic abilities, and critical approaches in dealing with advertising and public relations issues. Students polish creative ideas and gain a variety of professional skills, including the following: creating advertising and public relations messages, planning advertising and public relations media, organizing integrated communication plans, and developing sponsorships and promotional strategies.

The program stresses both analytical approaches and critical thinking skills. Students learn the theoretical foundations underlying persuasive messaging as well as analytical tools applied to advertising and public relations research. With this knowledge, students will improve their ability to identify and investigate current advertising and public relations related issues by using an appropriate methodology and develop further strategic directions. In conjunction with the practical techniques, the program also guides students to appreciate the cultural aspects and ethical issues in advertising and public relations practices. Students can tailor their messages on the basis of an understanding of cultural differences and engage with ethical concerns. Upon completing the

program, students will achieve a wealth of knowledge, practical skills, and the ability to think critically and strategically in developing promotional media messages and strategies.

Preparation

High school students are encouraged to take college preparatory English courses and become involved with their high school publications. Students planning to transfer from community college should consult with their counselor or advisor to identify appropriate transferable lower division courses.

Student Organizations

The Department sponsors the student organization, the Public Relations Student Society of America (PRSSA). PRSSA is the primary organization for students who are interested in PR and advertising, and CSUDH is one of the official chapters in the United States. The mission of our PRSSA is:

1. to create an environment of serving and empowering members to succeed in mutual career goals;
2. to serve members by providing access to professional development opportunities, enabling future success;
3. to encourage and support creative and diverse ideas; and
4. to ensure that all interested students are proficient in the principles and practices of advertising and public relations professionals.

Student membership is highly recommended.

Graduation With Honors

Undergraduate students may be candidates for graduation with Honors in Advertising and Public Relations if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 across all courses used to satisfy the upper-division requirements in the major.

Career Opportunities

The Bachelor of Arts in Advertising and Public Relations degree program is designed for students who want to achieve a wealth of knowledge, practical skills, and the ability to think critically and strategically in developing promotional media messages and strategies. Through hands-on classes, students have opportunities to develop creative and strategic ideas for various media platforms. In addition, students will have a chance to enhance writing and presentation skills. In terms of career opportunities, students are interested in a wide range of advertising, public relations, and marketing-related careers, including corporate communications expert, media planner, market researcher, advertising copywriter, advertising buyer, advertising analyst, public relations writer, public relations account executive.

Undergraduate Programs

Bachelor

- Advertising and Public Relations, Bachelor of Arts (p. 354)

Faculty

Ana de la Serna, Advertising and Public Relations Coordinator

Miriam Hernández, Larry Hygh Jr.

Department Office: LIB 5324, (310) 243-3313

Advertising and Public Relations, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (45-48 units)

The following courses, or their approved equivalents, are required of all candidates for this degree. The academic standards of the department require that all Advertising/Public Relations majors pass all required and prerequisite courses with grades of "C" or better.

| Code | Title | Hours |
|--|--|-------|
| Lower Division Required Courses | | |
| COM 100 | Media & Society | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 250 | Writing for the Media | 3 |
| Upper Division Required Courses | | |
| COM 302 | Law Of The Mass Media | 3 |
| COM 342 | Advertising Strategy and Copywriting | 3 |
| COM 350 | Culture, Gender and Strategic Communication | 3 |
| COM 365 | Introduction to Public Relations | 3 |
| COM 366 & COM 367 | Public Relations Writing and Public Relations Writing Lab | 3 |
| COM 400 | Media Analysis and Research Methods | 3 |
| COM 467 | Integrated Communications Management | 3 |
| Capstone Experience | | |
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |
| Electives | | |
| Select 6-9 units from the following: | | 6-9 |
| COM 206 | Photojournalism | |
| COM 301 | News and Information Literacy | |
| COM 311 | Persuasion | |
| COM 333 & COM 334 | Digital Journalism and Digital Journalism Laboratory | |

| | |
|---------|-----------------------------------|
| COM 334 | Digital Journalism Laboratory |
| COM 338 | Cross-Cultural Journalism |
| COM 347 | Multimedia Interviewing Practices |
| COM 358 | Communications Graphics |
| COM 372 | Crisis Communication |
| COM 379 | Media Industries |
| COM 363 | Social Media Strategies |
| COM 435 | Media Psychology |
| COM 494 | Independent Study |
| COM 495 | Special Topics: |

Total Hours **45-48**

Program Learning Outcomes

Upon completion of the B.A. in Advertising and Public relations, a degree recipient will be able to:

- Understand and apply the principles and laws of freedom of speech and press as well as receive instruction in and understand the range of systems of freedom of expression around the world, including the right to dissent, to monitor and criticize power, and to assemble for redress of grievances.
- Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
- Demonstrate an understanding of gender, race, ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society in relation to mass communications.
- Demonstrate an understanding of the peoples and cultures and of the significance and impact of mass communications in a global society.
- Understand concepts and apply theories in the use and presentation of images and information. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to the communications professions in which they work.
- Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
- Critically evaluate their own work and that of others for accuracy, fairness, clarity, appropriate style and grammatical correctness.
- Apply basic numerical and statistical concepts to coursework.
- Apply current tools and technologies appropriate for the communications professions in which they work, and to understand the digital world.

Advertising and Public Relations

4-Year Roadmap

| Course | Title | Hours |
|-----------------------|--|--------------|
| First Year | | |
| Fall | | |
| GE A2 | Written Communication | 3 |
| GE Area C1 | Arts Courses | 3 |
| GE Area D | | 3 |
| GE Area F | Ethnic Studies | 3 |
| GE Area E | | 3 |
| | | Hours |
| | | 15 |
| Spring | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |

| | | |
|--|---|---|
| COM 100 | Media & Society (satisfies GE Area C2 Letters Course) | 3 |
| GE Area B1 or B2, Physical or Life Science | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| Additional course in GE Area C1 or C2 | | 3 |

Hours 15

Second Year

Fall

| | | |
|--|---|---|
| THE 120 | Fundamentals of Speech (satisfies GE Area A1 Oral Communications) | 3 |
| GE Area B1 or B2, Physical or Life Science | | 3 |
| GE Area B3 Science Lab | | 1 |
| GE Area D | | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| Elective to meet 120 units | | 2 |

Hours 15

Spring

| | | |
|------------------------------|--|---|
| GE Area A3 Critical Thinking | | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 250 | Writing for the Media | 3 |
| COM 365 | Introduction to Public Relations | 3 |

Hours 15

Third Year

Fall

| | | |
|-----------------------------|---|---|
| GE Area C3 | | 3 |
| ENG 350 | Advanced Composition (satisfies GVAR requirement) | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| COM 342 | Advertising Strategy and Copywriting | 3 |
| AD/PR Elective ¹ | | 3 |

Hours 15

Spring

| | | |
|----------------------------------|---|---|
| GE Area B5 or D3 Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| COM 350 | Culture, Gender and Strategic Communication | 3 |
| COM 366 | Public Relations Writing | 2 |
| COM 367 | Public Relations Writing Lab | 1 |
| COM 400 | Media Analysis and Research Methods | 3 |

Hours 15

Fourth Year

Fall

| | | |
|-----------------------------|--------------------------------------|---|
| GE Area B5 or D3 | | 3 |
| COM 467 | Integrated Communications Management | 3 |
| UD Elective to meet 120 | | 3 |
| AD/PR Elective ¹ | | 3 |
| AD/PR Elective | | 3 |

Hours 15

Spring

| | | |
|----------------------------|------------------------------|---|
| COM 496 | Internship In Communications | 3 |
| COM 490 | Senior Project | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |

Hours 15

Total Hours 120

¹ Students select from the following with an advisor: COM 206, COM 311, COM 333/334, COM 338, COM 344, COM 347, COM 358, COM 372, COM 379, COM 363, COM 435, COM 494, COM 495

2-Year (Transfer) Roadmap

First Year

Fall

| | | |
|--|---|---|
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| ENG 350 | Advanced Composition (GVAR satisfying course) | 3 |
| COM 250 | Newswriting For Media | 3 |
| COM 365 | Introduction to Public Relations | 3 |
| COM 100 | Media & Society | 3 |

Hours 15

Spring

| | | |
|--|---|---|
| COM 302 | Law Of The Mass Media | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 366 | Strategic Communication Writing | 2 |
| COM 367 | Public Relations Writing Lab | 1 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |

Hours 15

Second Year

Fall

| | | |
|---|---|---|
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| COM 342 | Advertising Strategy and Copywriting | 3 |
| COM 350 | Culture, Gender and Strategic Communication | 3 |
| COM 400 | Media Analysis and Research Methods | 3 |
| COM 467 | Integrated Communications Management | 3 |

Hours 15

Spring

| | | |
|---|------------------------------|---|
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |
| AD/PR Elective ¹ | | 3 |
| AD/PR Elective ¹ | | 3 |
| AD/PR Elective (if needed) ¹ | | 3 |

Hours 15

Total Hours 60

¹ Students select from the following with an advisor: COM 206, COM 311, COM 333/334, COM 338, COM 344, COM 347, COM 358, COM 372, COM 379, COM 363, COM 435, COM 494, COM 495

Africana Studies

College of Arts and Humanities

Department of Africana Studies (<https://www.csudh.edu/africana/>)

Program Description

The Department of Africana Studies in the College of Arts and Humanities offers a major and a minor in Africana Studies. Africana Studies is primarily a peoples-and culture-based discipline that investigates Africana peoples' experiences. These experiences range from earliest human civilizations through the tragic era of enslavement, colonization, to the forced migration and displacement of African peoples. The intellectual framework that sets Africana Studies apart from other disciplines is that it explores the subject area from the perspective of Africana peoples' interests, aspirations, possibilities, and envisioned

destinies. The foundation of the discipline rests on an understanding and appreciation of African peoples' worldview and philosophy of life as the starting point for all Africana intellectual inquiry. The BA degree and minor program offered by the department emphasize an examination of the theoretical and empirical characteristics of the African world experience from both a contemporary and historical perspective.

Features

A Bachelor of Arts degree and minor in Africana Studies provide a solid factual and conceptual foundation of the history and the development of the African people and their societies. Students are encouraged to participate in practical learning by serving in internships or practicums in Africana communities locally, nationally, and internationally. In addition, students are encouraged to work concurrently with other disciplines in the College of Arts and Humanities, College of Natural and Behavioral Sciences, College of Business Administration and Public Policy, College of Education, and the College of Health, Human Services, and Nursing.

Academic Advisement

All majors and minor students in Africana Studies are to have a faculty advisor. Students may either select an advisor or have one assigned to them. It is important that students work closely with an advisor in planning their academic programs because some required courses are offered on a one- or two-year rotational basis. Transfer students should see an advisor before registering for any classes to determine if a prior course may fulfill a requirement in the major.

Preparation

High School students planning to major in Africana Studies at California State University, Dominguez Hills should have acquired written and oral communication as well as computational skills.

Opportunities to Study Abroad

The Department of Africana Studies provides students with the opportunity to study abroad, especially in Africa, the Caribbean, and South America. Please see the Department Chair for information. Languages There are no language requirements for Africana Studies degree programs. However, students are encouraged to study one or more of the African languages, and/or French, Spanish, and Portuguese.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Africana Studies provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the requirements in the major;
3. Four upper division courses, including AFS 490 Seminar in Africana Studies, taken in the Department of Africana Studies;

Student Organization

The Department is the primary supporter of the Pan African Union and the Organization of Africana Studies. It is an organizational member of the National Council for Black Studies. The Department also supports other Africana Student Organizations on campus.

Scholarships and Career Possibilities

The Africana Studies Department offers **scholarships** a number of scholarships through the generous support of our donors including:

The Dr. William A. Little Memorial Scholarship - Open to all students with at least 6 units in Africana Studies and minimum 3.0 grade point average. Named in honor of the late Dr. William A. Little, Founding Faculty Member and Chair of the CSUDH Africana Studies Department (\$1000)

The Charles and Beverly Cook Scholarship for Best Research Paper in Africana Studies - Given to the best research paper on the Africana diaspora experience (creative writing and poetry submissions are not eligible). Named in honor of the late Charles and Beverly Cook, former publishers of the LA Watts Times Newspaper (\$1000)

Fannie Lou Hamer Queen Mother Society Scholarships - Varies by amount. Given based on academic performance and financial need by the CSUDH Africana Studies Fannie Lou Hamer Queen Mother Society.

Career Possibilities

Those with an Africana Studies background are employed in a wide range of careers, such as counseling, social work, international consulting, Foreign Service, public relations, educational administration, media, management, urban planning, librarianship, law, and law enforcement. The Department of Africana Studies provides undergraduate training for students interested in developing careers in teaching, academic research, international relations, and community development. Often graduate work is required in certain job categories.

Undergraduate Programs

Bachelor

- Africana Studies, Bachelor of Arts (p. 359)

Minor

- Africana Studies, Minor (p. 361)

Faculty

Salim Faraji, Department Chair
Justin Gammage, Bwesigye Mwesigire
Department Office: LCH A338, (310) 243-3327

Emeritus Faculty

Munashe Furusa

Courses

AFS 100. The African American Experience. (3 Units)

Examines the historical and contemporary manifestations of the sacred and secular continuum in African Diaspora Arts and Religion. Will study examples of music, dance, drama, literature and visual arts expressions of religion and theological values.
Offered Fall, Spring

AFS 200. Intro to Africana Studies. (3 Units)

An introduction to the discipline of Africana Studies. An overview of the philosophical underpinnings, evolution, theories and concepts, and practical applications of the disciplines; and the African-centered, holistic method of studying the African world.
Offered Fall, Spring

AFS 201. African World Civilizations. (3 Units)

Students study African civilization from antiquity to the present. The course explores African civilizations interaction with and contribution to world civilizations like Greek, Asian, European and American civilizations. Offered Fall, Spring

AFS 205. Introduction to Hip Hop. (3 Units)

Hip Hop, the music and lifestyle, is rooted in African American urban life in the middle 1970's on the streets of New York City. This course will critically explore the evolution of Hip Hop as a socio-cultural political movement. This course is restricted to 1st time Freshman going through the First Year Experience. Offered Spring term only. Offered All terms, Fall, Spring

AFS 212. Intro To Comp Eth & Global Soc. (3 Units)

Explores the lived experiences of the Ethnic/Global communities in the U.S. and their places of origin. The course will examine the socio-cultural dynamics in, Africana Asian-Pacific and Chicano/Latino communities. Offered Fall, Summer

AFS 220. African World Peoples & Soc.. (3 Units)

This course provides students with an overview of the geographical, historical, and cultural foundations of African world peoples and societies. Offered Fall, Spring

AFS 231. Africana Literary Traditions. (3 Units)

The course examines literary traditions developed by people of African descent who reside in Africa as well as throughout the world. Offered Fall

AFS 241. His Afr World People:1450-1888. (3 Units)

Examination of the history of African people throughout the world from 1450-1888. Identifies African migration, national culture, and political divisions. Examines the dynamics of the Transatlantic Slave Trade, and surveys the territorial dispersal of African people around the globe, their links and metamorphoses. Offered Infrequent

AFS 242. His of Afrn People:1888-present. (3 Units)

An examination of the history of African world peoples from 1888 with the end of slavery in Brazil to the present. The dynamics of apartheid and colonialism, nationalism, civil rights and liberation movements are central themes. Offered Infrequent

AFS 295. Special Topics. (3 Units)

An examination of a specific topic and/or subject area of Africana Studies. Repeatable for credit. Topic will be announced in Schedule of Classes. Offered As needed

AFS 301. Africana Msc thgh 19th C.. (3 Units)

Prerequisite: AFS 200 and AFS 220. Africana music course designed to introduce the music and musicians of Africa and the African Diaspora culture, establishing the African foundation of the musical practices and exploring early developments in the Diaspora with special focus upon developments in all parts of the Americas from 1619 to 1888. Offered As needed

AFS 305. Theories and Approaches in AFS. (3 Units)

Prerequisite: AFS 200. An introduction to the theories and approaches utilized by Africana Studies scholars. Focus is on the intellectual approaches to the study of African peoples from the perspective of Africana cultural imperative. Offered Fall

AFS 306. Research Methods in AFS. (3 Units)

Prerequisite: AFS 200. Introduces students to intellectual debates in research methods in Africana Studies. It focuses on the applicability and relevance of different methods of acquiring, interpreting and presenting Africana knowledge systems. Offered Spring

AFS 307. Research Methods, Theories, and Approaches in African Studies. (3 Units)

Prerequisites: AFS 200 or permission from instructor. Introduces students to intellectual debates in research methods, theories, and approaches in Africana Studies. Focuses on applicability and relevance of different methods of acquiring, interpreting and presenting Africana knowledge systems. Offered Fall

AFS 310. The African American Experience in the US. (3 Units)

Analyzes the social, political and cultural environment of African Americans in the U.S. Course examines the influence of race on African Americans' social and historical development. Course focuses on modes in which African Americans establish and maintain its cultural space. Offered Fall, Spring, Summer

AFS 311. Afro Latinidad & the Caribbean. (3 Units)

Explores the politics of globalization on Africana Communities over time. Focuses on how Africana communities have constructed new space in the Western Hemisphere. Emphasizes the impact of race, class and ethnicity on Africana community's development in Latin America and the Caribbean. Offered Fall, Spring

AFS 312. Cultural Pluralism: Ethnic & Global Society. (3 Units)

Prerequisites: ENG 111, AFS 201 and AFS 220 or consent of Department Chair. In consultation with an Africana Studies faculty, student undertakes a major project such as the following: original research and thesis on a given African world historical or theoretical topic; a creative project such as an original musical composition, art work or performance with supporting scholarly program notes. Offered Fall, Spring

AFS 330. Africana Lit. & Culture. (3 Units)

Prerequisite: AFS 231. Survey course that introduces students to both Africana literature and culture. Provides students with an opportunity to study and appreciate major Africana political, cultural and historical issues and experiences through the lenses of Africana literature. Offered Spring

AFS 331. Key Movements: African Literature and Culture. (3 Units)

Survey course that introduces students to both African literature and culture. Provides students with an opportunity to study and appreciate major African political, cultural, and historical issues and experiences through the lenses of African literature. Offered Fall, Spring

AFS 332. Key Movements: Harlem Renaissance. (3 Units)

Explores the artistic productions of key figures, scholarly works analyzing significant events and films of the time. Focuses on works examining race, culture, and social issues pertinent to people of African descent. Explores how the Harlem Renaissance influenced later movements. Offered Fall, Spring, Summer

AFS 333. Black Movements of the Sixties. (3 Units)

Explores the dismantling of the overt practice of segregation by exploring the roles of the Civil Rights Movement and the Black Power Movement, as well as the literature, art and music which contributed to their vitality. Offered Fall, Spring

AFS 334. African Culture and Art. (3 Units)

Examines the historical and contemporary manifestations of the sacred and secular continuum in African Diaspora Arts and Religion. Will study examples of music, dance, drama, literature and visual arts expressions of religion and theological values.

Offered Fall, Summer

AFS 340. Africana Womanhood. (3 Units)

Examines the economic, political and social position of Africana women in the global diaspora by analyzing the legal apparatuses, historical context and present-day realities of racism, sexism, class oppression and homophobia that impacts Africana women's daily lives

Offered Fall, Spring

AFS 395. Spec Topics in Africana Stud. (3 Units)

Prerequisites: Consent of instructor. Intensive study of a single period, figure, movement, or idea in African world history/culture. Course repeatable for credit. Topics will be announced in Schedule of Classes.

Offered Infrequent

AFS 396. Practicum in Africana Studies. (3 Units)

Prerequisites: Consent of instructor. Supervised work experience in an African or African diaspora community with emphasis upon social and economic development in a local, national and/or international setting. Supervision emphasizes training and application of practical and technical skills. Students will be placed in settings suitable to their academic specialization. CR/NC grading. Repeatable courses. One hour of tutorial per week is required with instructor.

Offered Infrequent

AFS 423. Africana Leaders Seminar. (3 Units)

Prerequisite: AFS 200 is recommended. An examination of the life and times of important Africana leaders and their legacies to the African world. Emphasis will be on the major competing trends in the interpretations of the leaders's legacies and the interests that shape these trends. Three hours of seminar per week.

Offered Fall

AFS 424. Africana Political Thought. (3 Units)

Prerequisite: AFS 220 is recommended. Examines political opinions and ideas of Africana thinkers and leaders. Interrogates Africana political leaders and thinkers understanding and interpretation of the political dynamics in the African world.

Offered Spring

AFS 490. Seminar in Africana Studies. (3 Units)

Prerequisites: Completion of GVAR and consent of instructor. An integrative seminar serving as a capstone to the major in Africana Studies. A research report will be required. Additionally, other creative projects may be assigned in areas such as art, music composition and performance. Three hours of seminar per week.

Offered Spring

AFS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of the instructor. Independent study of particular topics in Africana Studies under the direction of a member of the Africana Studies faculty. Repeatable course.

Offered As needed

AFS 495. Special Topics in Africana St. (3 Units)

Prerequisite: Consent of instructor. Intensive study of an issue, concept or theme in Africana Studies. May be taken for credit only once for the major. Repeatable course.

Offered As needed

AFS 496. Internship. (3 Units)

Prerequisite: Consent of instructor. Under the direction of the internship faculty associate, students work in an African diaspora community applying skills and knowledge learned in the classroom, as well as the workplace. Repeatable course.

Offered Fall, Spring

AFS 497. Directed Reading. (1-3 Units)

Prerequisite: Consent of instructor. Directed readings on a particular Africana Studies topic or subject area under the direction of a member of the Africana Studies faculty. Repeatable course

Offered Fall, Spring

AFS 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. Introduces students to intellectual debates on research methods in Africana Studies. Focuses on selected articles that discuss different methods of acquiring, interpreting and presenting Africana knowledge. Repeatable course.

Offered Fall, Spring

AFS 499. Senior Project. (3 Units)

Critical analysis of Asian and Pacific Islander American artists and their creative expression in music, television, film, and on the internet. Examines issues of stereotyping and exclusion in Hollywood as well as empowerment through artistic expression and community engagement.

GE F1

Offered As needed

AFS 590. Afr Amer Lit & Pol Thought. (3 Units)

Offered As needed

AFS 594. Independent Study. (1-4 Units)

Prerequisites: Consent of Department Chair. Independent investigation of a research problem or directed readings in a selected area of Africana Studies.

Offered As needed

AFS 595. Special Topics:. (3 Units)

Prerequisite: AFS 201 is recommended. An intensive study of a concept, movement, school of thought, or individual within the discipline of Africana Studies. Intended for students with senior or graduate standing. Specific topic listed in Class Schedule. Repeatable course. Three hours of seminar per week.

Offered As needed

AFS 596. Pract in Teach Africana Stdy. (1-4 Units)

Offered As needed

AFS 597. Graduate Directed Reading. (1-4 Units)

Prerequisite: Consent of instructor and classified graduate standing. Extensive reading in selected areas under the guidance of a faculty mentor. Repeatable course.

Offered As needed

AFS 598. Graduate Directed Research. (1-4 Units)

Independent research under direction of supervising faculty member in Africana Studies. Repeatable for credit for a maximum of six units.

Offered As needed

AFS 599. Final Project. (1-4 Units)

In consultation with a faculty member, writing of a master's thesis or completion of a project. Choice of area requires prior consent of advisor. Repeatable course.

Offered As needed

AFS 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examinations, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered As needed

Africana Studies, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (36 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Core Requirements (15 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| AFS 200 | Intro to Africana Studies | 3 |
| AFS 201 | African World Civilizations | 3 |
| AFS 307 | Research Methods, Theories, and Approaches in African Studies | 3 |
| AFS 490 | Seminar in Africana Studies | 3 |
| AFS 496 | Internship | 3 |
| Total Hours | | 15 |

Breadth Requirements (9 units)

| Code | Title | Hours |
|--------------------------------------|---|-------|
| Lower Division Breadth | | |
| Select one of the following courses: | | 3 |
| AFS 100 | The African American Experience | |
| AFS 205 | Introduction to Hip Hop | |
| AFS 212 | Intro To Comp Eth & Global Soc | |
| AFS 220 | African World Peoples & Soc. | |
| Upper Division Breadth | | |
| Select two fo the following courses: | | 6 |
| AFS 310 | The African American Experience in the US | |
| AFS 311 | Afro Latinidad & the Caribbean | |
| AFS 312 | Cultural Pluralism: Ethnic & Global Society | |
| AFS 331 | Key Movements: African Literature and Culture | |
| AFS 332 | Key Movements: Harlem Renaissance | |

| | | |
|--------------------|--------------------------------|----------|
| AFS 333 | Black Movements of the Sixties | |
| AFS 334 | African Culture and Art | |
| Total Hours | | 9 |

Concentration Requirements (12 units)

Students majoring in Africana Studies must complete 12 units in a concentration (Cultural Studies or Social Sciences).

Cultural Studies Concentration

| Code | Title | Hours |
|-------------------------------------|---|-----------|
| Select 12 units from the following: | | 12 |
| AFS 205 | Introduction to Hip Hop | |
| AFS 231 | Africana Literary Traditions | |
| AFS 331 | Key Movements: African Literature and Culture | |
| AFS 332 | Key Movements: Harlem Renaissance | |
| AFS 334 | African Culture and Art | |
| ENG 317 | Black English Language and Culture | |
| ENG 343 | African-American Poetry and Drama | |
| ENG 344 | African-American Prose | |
| MUS 302 | African American Music | |
| PHI 370 | Philos of Africa & Diaspora | |
| PHI 371 | African World Religions | |
| Total Hours | | 12 |

Social Sciences Concentration

Students majoring in Africana Studies must complete 12 units in a concentration.

| Code | Title | Hours |
|-------------------------------------|---|-----------|
| Select 12 units from the following: | | 12 |
| AFS 212 | Intro To Comp Eth & Global Soc | |
| AFS 220 | African World Peoples & Soc. | |
| AFS 241 | His Afr World People:1450-1888 | |
| AFS 242 | His of Afrn People:1888-present | |
| AFS 310 | The African American Experience in the US | |
| AFS 311 | Afro Latinidad & the Caribbean | |
| AFS 312 | Cultural Pluralism: Ethnic & Global Society | |
| AFS 333 | Black Movements of the Sixties | |
| AFS 340 | Africana Womanhood | |
| AFS 423 | Africana Leaders Seminar | |
| AFS 424 | Africana Political Thought | |
| HIS 343 | African American History from Africa to Reconstruction | |
| HIS 344 | African American History: Reconstruction to the Present | |
| HIS 360 | African History to the 1880's | |
| HIS 361 | African History from the Colonial Era to the Present | |
| POL 349 | Government and Politics in Sub-Saharan Africa | |
| PSY 382 | Psychological Development of the Black Child | |
| PSY 383 | Black Psychology | |
| SOC 331 | Minority Racial and Ethnic Relations | |
| SOC 383 | Black Communities: Class, Status and Power | |
| Total Hours | | 12 |

Concentration Electives

Topics Vary. Courses are taken in consultation with an Africana Studies Advisor.

| Code | Title | Hours |
|---------|-------------------------------|-------|
| AFS 494 | Independent Study | 1-3 |
| AFS 495 | Special Topics in Africana St | 3 |
| AFS 497 | Directed Reading | 1-3 |
| AFS 498 | Directed Research | 1-3 |
| AFS 499 | Senior Project | 3 |

Program Learning Outcomes

- Theoretical Knowledge 1A: Students will apply the knowledge of foundational history and critical theories utilized in Africana Studies and how the approaches aid in explaining the experiences of peoples of color in the United States and abroad.
- Theoretical Knowledge 1B: Students will critically assess historical and contemporary knowledge-paradigms that address the nature of power arrangements linked to concrete social circumstances, studied through multi-faceted lenses of the dynamic relationships between race, class, nationality, gender, and ethnicity to the life circumstances of Africana subjects, their communities, and their accounts of personal identity.
- Methodology: Students will be able to understand and apply Africana epistemology and research methods demonstrated through independent research using standard English grammar and coherent written organization.
- Critical Thinking: Students will learn how to make use of logical, critical, and analytical thinking skills in order to write well-argued essays and other writing assignments, including the ability to deliver effective oral presentations.
- Leadership and Skills Development: Students will engage in practical leadership experiences by organizing community-based events and working in Africana community organizations through service learning courses and internships.

Africana Studies

4-Year Roadmap

| Course | Title | Hours |
|-----------------------------------|-----------------------------|-----------|
| First Year | | |
| Fall | | |
| AFS 200 | Intro to Africana Studies | 3 |
| GE Area A1 | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area E Whole Person | | 3 |
| Hours | | 15 |
| Spring | | |
| AFS 201 | African World Civilizations | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| AFS Lower Division Breadth | | 3 |
| Elective Course | | 3 |
| GE Area A3 Oral Communication | | 3 |
| GE Area B1 or B2 | | 3 |

| | |
|-------------------------------|-----------|
| GE Area B3 Science Laboratory | 1 |
| GE Area C or D | 3 |
| Hours | |
| | 16 |

Spring

| | |
|----------------------------|-----------|
| AFS Upper Division Breadth | 3 |
| AFS Concentration Course | 3 |
| GE Area F Ethnic Studies | 3 |
| GE Area C3 | 3 |
| Elective Course | 3 |
| Hours | |
| | 15 |

Third Year

Fall

| | | |
|-----------------|---|-----------|
| AFS 307 | Research Methods, Theories, and Approaches in African Studies | 3 |
| GE Area D3 | | 3 |
| GE Area B5 | | 3 |
| GE Area C4 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

Spring

| | | |
|----------------------------|---|-----------|
| AFS Upper Division Breadth | 3 | |
| AFS Concentration Course | 3 | |
| GWAR-Certifying Course | 3 | |
| Elective Course | 3 | |
| Elective Course | 3 | |
| Hours | | 15 |

Fourth Year

Fall

| | | |
|--------------------------|-----------------------------|-----------|
| AFS Concentration Course | 3 | |
| AFS 490 | Seminar in Africana Studies | 3 |
| Elective Course | 3 | |
| Elective Course | 3 | |
| Elective Course | 2 | |
| Hours | | 14 |

Spring

| | | |
|--------------------------|------------|-----------|
| AFS Concentration Course | 3 | |
| AFS 496 | Internship | 3 |
| Elective Course | 3 | |
| Elective Course | 3 | |
| Elective Course | 3 | |
| Hours | | 15 |

Total Hours

120

2-Year Roadmap

First Year

| | Hours | |
|----------------------------|---|-----------|
| Fall | | |
| AFS 200 | Intro to Africana Studies | 3 |
| AFS Lower Division Breadth | | 3 |
| AFS 307 | Research Methods, Theories, and Approaches in African Studies | 3 |
| GE Area B5 | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |

Spring

| | | |
|----------------------------|-----------------------------|-----------|
| AFS 201 | African World Civilizations | 3 |
| GWAR-Certifying Course | | 3 |
| AFS Upper Division Breadth | | 3 |
| AFS Upper Division Breadth | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

| Second Year | | |
|--------------------------|-----------------------------|-----------|
| Fall | | |
| AFS 490 | Seminar in Africana Studies | 3 |
| AFS Concentration Course | | 3 |
| AFS Concentration Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| AFS 496 | Internship | 3 |
| AFS Concentration Course | | 3 |
| AFS Concentration Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Africana Studies, Minor Requirements (12 units)

| Code | Title | Hours |
|---|---|--------------|
| A. General Requirement (3 units) | | |
| AFS 200 | Intro to Africana Studies | 3 |
| B. Elective Requirements (6 units) | | |
| AFS 100 | The African American Experience | 3 |
| AFS 201 | African World Civilizations | 3 |
| AFS 205 | Introduction to Hip Hop | 3 |
| AFS 212 | Intro To Comp Eth & Global Soc | 3 |
| AFS 220 | African World Peoples & Soc. | 3 |
| AFS 241 | His Afr World People:1450-1888 | 3 |
| AFS 242 | His of Afrn People:1888-present | 3 |
| AFS 307 | Research Methods, Theories, and Approaches in African Studies | 3 |
| AFS 310 | The African American Experience in the US | 3 |
| AFS 311 | Afro Latinidad & the Caribbean | 3 |
| AFS 312 | Cultural Pluralism: Ethnic & Global Society | 3 |
| AFS 331 | Key Movements: African Literature and Culture | 3 |
| AFS 332 | Key Movements: Harlem Renaissance | 3 |
| AFS 333 | Black Movements of the Sixties | 3 |
| AFS 334 | African Culture and Art | 3 |
| AFS 340 | | |
| AFS 423 | Africana Leaders Seminar | 3 |
| AFS 424 | Africana Political Thought | 3 |
| AFS 494 | Independent Study | 1-3 |
| AFS 495 | Special Topics in Africana St | 3 |
| AFS 496 | Internship | 3 |
| Capstone Requirement (3 units) | | |
| AFS 490 | Seminar in Africana Studies | 3 |
| Total Hours | | 64-66 |

¹ Recommended course: AFS 212 Intro To Comp Eth & Global Soc.

Anthropology

College of Natural and Behavioral Sciences

Department of Anthropology

Program Description and Features

The Department of Anthropology offers undergraduate students course work in the five anthropological subdisciplines: ethnology, archaeology, biological anthropology, applied anthropology and anthropological linguistics. In addition, courses focus on contemporary disciplinary research, area studies and societal applications of anthropological knowledge.

By majoring or minoring in Anthropology, a student gains a better understanding of people's behavior within cultural settings. Anthropology studies the varied nature of human experience in American society and in the cultures of the world. A student is better prepared to comprehend human behavior through this study of people, their lifestyles, and how they adapt to cultural change, both present, and past. What distinguishes anthropology from other disciplines concerned with people is its holistic perspective or encompassing view, and its central concern with the concept of culture.

The Department of Anthropology, in the College of Natural and Behavioral Sciences, offers a major and minor in the discipline. Majors may choose between the General Anthropology concentration, Biological Anthropology concentration, Applied concentration, or the Archaeology concentration. With additional applied work in Cultural Resource Management, the student will be awarded a certificate.

Comparative and evolutionary, scientific and humanistic, Anthropology provides a unique opportunity for broadening and integrating one's view of human existence. Goals of the major concentration in General Anthropology include an understanding of cultural heritage along with a general overview of the significance of cultural change, whether that change be ongoing, from the past, or anticipated in the future. Acquainting students with the cross-cultural perspective and cultural pluralism also are major goals of the General Anthropology concentration.

The major concentration in Archaeology is designed to provide the undergraduate student with a strong background in general anthropology, archaeology, and cultural preservation. It stresses anthropological theory, archaeological methodology, field research, data collection, area studies and applications of the field to cultural resource management. In the face of rapid population expansion and increased development, public concern has grown to protect the quickly diminishing cultural resources related to our ancestral and traditional heritage. In addition to the concentration, the department offers a certificate in Cultural Resource Management to those students who complete the program and demonstrate competence in applied aspects of the field.

The major concentration in Biological Anthropology is designed to provide the undergraduate student with a strong background in general anthropology, biological anthropology, archaeology, and research methods. It stresses biological anthropology research methodology, field research, data collection and statistical methodology.

The major concentration in Applied Anthropology is designed to provide the undergraduate student with a strong background in general anthropology, applied anthropology and research methods. It stresses applied anthropology research methodology, field research, data collection, statistical methodology and service learning. One of the pillars of an applied anthropology focus is to stress community engagement and application of anthropological theoretical framework to the field.

The Minor in Anthropology complements a major in other disciplines and professional programs such as biology, health sciences, art, communications, history, philosophy, and the other behavioral sciences. Students can develop a focused minor in consultation with an advisor in specialized areas such as medical anthropology, New World cultures, physical anthropology, cognitive anthropology, etc.

Academic Advisement

Students will be assigned a faculty advisor whose experience and expertise most closely reflect their own interests and career plans. An advisor will provide educational and professional guidance during the undergraduate curriculum. Advisors are familiar with disciplinary opportunities and current directions and can assist with career planning. In addition, the academic advisor can recommend or refer students to other campus services such as skills assessment, development, and enhancement. Advisors will assist in verifying that each student completes university and departmental requirements.

Preparation

Students will find classes in the following areas useful to the appreciation of anthropological course work: history, ancient civilizations, art history, biology, geography, earth science, foreign languages, and social studies.

Transfer students with previous course work in anthropology should consult with an advisor to determine which courses are transferable for lower and upper-division units towards completion of the major or minor.

Graduation with Honors

Undergraduate students may be candidates for graduation with Honors in Anthropology if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper division requirements for the Anthropology major.

Career Possibilities

The Department of Anthropology provides undergraduate training for students interested in developing careers in academic, research and applied aspects of the discipline. Often postgraduate work is useful or required in certain job categories. However, persons with anthropological background are employed in a wide range of service areas: education, government, environmental and socioeconomic consulting, medical research, planning, social services, personnel, marketing/advertising, international business, law, tourism, and a variety of occupations for which knowledge and appreciation of cultural diversity is important. Students should discuss career objectives with an academic advisor to develop an appropriate curriculum and research interests.

Undergraduate Programs

Bachelor

- Anthropology, Bachelor of Arts (p. 365)

Minors

- Anthropology, Minor (p. 370)
- Indigenous Peoples of the Americas, Minor (p. 370)

Certificate

- Cultural Resource Management, Certificate (p. 370)

Faculty

Sarah Taylor, Department Chair

Jan Gasco, Sarah Lacy, Jerry Moore, Susan Needham, Kenneth Seligson,

Department Office: SBS G-322, (310) 243-3443

Emeriti Faculty

Margaret Gordon, Kenneth L. Kuykendall, Sandra L. Orellana

Courses

ANT 100. Introduction to Cultural Anthropology. (3 Units)

Examination of the anthropological approach to the study of humans. Explores the concepts of culture, cultural institutions and processes, the evolution of cultural systems, and the application of anthropology to current social problems.

Offered Fall, Spring, All terms

ANT 101. Intro to Biological Anthro. (3 Units)

Examination of human biology. Introduces scientific approaches to genetics and evolution, primate evolution and behavior, evidence from fossil record for human evolution, and biological variation among modern humans, human growth and disease patterns, and human demography.

Offered Fall, Spring

ANT 102. Ancient Civilizations. (3 Units)

Examination of origins and development of world civilizations. Using evidence from the archaeological record, the written record, the arts, literature, and the sciences, human cultural achievements are examined from the earliest beginnings to the sixteenth century.

Offered Fall, Spring

ANT 115. Intro To Arch & Phys Anth. (3 Units)

Introduction to archaeological methodology and human biology. Review of fossil evidence for the biological evolution of humans and archaeological evidence for the major stages in cultural development.

Offered Infrequent, All terms

ANT 310. Culture & Personality: Psychological Anthropology. (3 Units)

Examination of the human personality within cultural contexts. Topics include personality formation and child-rearing; stress and mental/physical health problems which occur with cultural change; aging, roles and communication among local and worldwide ethnic groups.

Offered Fall, Spring

ANT 312. Language And Culture. (3 Units)

Analysis of language as an aspect of culture. Relationship between language and culture patterns, dynamics of language and cultural change; the problem of meaning.

Offered Fall, Spring, Summer

ANT 313. Meth & Tech In Arch. (3 Units)

Prerequisite: Consent of instructor. Basic procedures and techniques used by archaeologists to excavate, analyze and interpret prehistoric remains. Field and/or laboratory activities. Variable topics will include field procedures, laboratory procedures or archaeological method and theories. Six hours of activity per week.

Offered Spring

ANT 315. Magic & Religion. (3 Units)

A comparative analysis of magico-religious systems in their cultural setting and the role of the supernatural in human societies.

Offered Spring

ANT 330. North American Indians. (3 Units)

Comparative study of cultural patterns of selected past and present native peoples of the United States and Canada .

Offered Spring

ANT 333. Ancient Peoples Of Mexico. (3 Units)

The history and archaeology of cultures of Central Mexico and Guatemala. Alternating topics include the rise of the Olmecs to the establishment of Teotihuacan and Tenochtitlan and the rise of Izapa to the development of classic and Postclassic Maya Civilization.Â Repeatable course with alternate topics.

Offered Fall

ANT 334. Mesoamerica Past and Present. (3 Units)

Explores historical and contemporary trends among the diverse cultures of Mexico and Central America from Pre-Columbian era to today. Focus on indigenous peoples and relationships between indigenous and non-indigenous peoples.

Offered Fall

ANT 335. Comparative Cultures. (3 Units)

The world's cultural and social diversity from a sociocultural anthropological perspective. Variable topics include regional surveys (North America, South America, Africa, Eurasia) and/or selected themes in the study of culture. Repeatable course with alternate topics.

Offered Infrequent

ANT 336. Comparative Cultures: Culture, Environment and Globalization. (3 Units)

Ethnographic and comparative approach to the study of the diverse cultures of the world. Examines substance patterns and sociopolitical organization of a variety of cultures in the past and present.

Offered Spring

ANT 337. Ethnography and Film. (3 Units)

Exploration of crosscultural differences as documented in visual images and texts dealing with three traditional societies, the Yanomami, the Dobe, and the Dugum. Analysis of subsistence and economy, social cohesion and social conflict, world view, and representations of other societies in a world characterized by dramatic cultural changes.

Offered Fall

ANT 338. Mainland Southeast Asia. (3 Units)

Anthropology of Mainland Southeast Asia (Cambodia, Laos, Myanmar [Burma], Thailand, Vietnam) from ancient to modern times. Analysis of how natural and social environments (geography, climate, migration, trade, religion, arts, and state craft) contribute to the region's cultural diversity, commonalities, and change through time.

Offered Spring

ANT 339. Mexico and Central America. (3 Units)

Anthropology of Mesoamerica's indigenous cultures. Examines cultural patterns developed in prehispanic and colonial periods, and analyzes how historical factors, environmental conditions, and political and economic environments have influenced contemporary situations for Indian peoples of the region.

Offered Infrequent

ANT 340. Peoples of Ancient Egypt. (3 Units)

Anthropology of ancient Egyptian civilization from its earliest beginnings to the end of the New Kingdom. Ancient monuments, wall paintings, statues, tombs and hieroglyphic writing are examined to gain insight into Egyptian culture and to illuminate the interaction between Egyptians and foreign peoples.

Offered Infrequent

ANT 341. Folklore. (3 Units)

Theory and method in the study and collection of folktales, myths, legends, proverbs, riddles, and other forms of verbal tradition.

Offered Infrequent

ANT 342. South America. (3 Units)

Anthropology of cultural differences expressed by indigenous cultures of South America. Critical analysis of such topics as environment and adaptation, kinship and social structure, social cohesion and social conflict, symbolism and ritual, and representations of other societies in a world characterized by dramatic cultural changes.

Offered Spring

ANT 344. Cross-Cult Persp: Aging. (3 Units)

Survey and analysis of cultural influences on the physical and social processes of aging. Examination and comparison of societal roles available to and assumed by older men and women of various cultures.

Offered Infrequent

ANT 345. Medical Anthropology. (3 Units)

Cross-cultural survey of critical problems common to anthropology and health-related fields; cultural ecology of health and pathology, folk medical practices; medical beliefs in relation to other aspects of culture; public health and medical education problems as affected by ethnic culture; effects of acculturation upon mental and physical health.

Offered Infrequent

ANT 346. Anthropology Of Work. (3 Units)

Examination of the significance of work in contemporary societies. Cross-cultural comparisons of workers' life styles. Impact of changing cultural conditions on work patterns.

Offered Spring

ANT 348. Society & Automated Tech. (3 Units)

Examination of the ramifications of the installation of automated systems on social and economic conditions of contemporary and future societies. Analyses of culture change issues and the interrelationships between automated technologies and lifestyles.

Offered Infrequent

ANT 349. Anthropology Of The Future. (3 Units)

Examination of newly emerging questions and ideas about the cultural future of humankind. Topics of discussion include the relevance of anthropology to building a Solar System culture, the possibility of extraterrestrial contact, and alternative cultural futures.

Offered Infrequent

ANT 350. Prehistory: Africa & Eurasia. (3 Units)

Examination of the archaeological record of the Old World (Europe, Africa, Asia). Emphasis on the study and critical analysis of excavated materials, processes of culture change, and reconstructions of social patterns. Variable topics will include the prehistory of different culture areas and chronological periods. Repeatable course.

Offered Spring even

ANT 351. Prehistory of the Americas. (3 Units)

Examination of the archaeological record of the New World (North America, Mesoamerica, and Andean area). Emphasis on critical analysis of excavated materials, processes of culture change, and reconstructions of social patterns. Variable topics will include the prehistory of different culture areas and chronological periods. Repeatable course.

Offered Spring odd

ANT 352. Human Osteology. (3 Units)

Prerequisite: ANT 101 is required. Introduction to human osteology, bone biology and growth, and paleopathology. Students will learn differences between human and non-human remains, determine left and right sides of bones, and identifying important skeletal landmarks.
Offered All terms, Fall odd

ANT 353. Forensic Anthropology. (3 Units)

Prerequisites: ANT 101 is required. ANT 352 is recommended. Consent of instructor is required. Examines the techniques used to create a biological profile from human skeletal remains. Students will learn the medicolegal implications of using forensic anthropology techniques to solve forensic cases involving human skeletal remains.
Offered Spring even

ANT 354. Biological Anthropology. (3 Units)

Prerequisites: ANT 101 is required. In depth analysis of the topics and theories in biological anthropology and is meant to be a continuation of ANT 101.
Offered Fall

ANT 355. Human Variation. (3 Units)

Prerequisite: ANT 101 is required. Surveys the biological variation within and between human populations, including the basic principles of genetics, evolutionary theory, and the intersection of culture and genetics. Students will use anthropological and biological theories to understand differences between human populations.
Offered Spring odd

ANT 360. Visual Anthropology. (3 Units)

Survey of anthropological approaches to the study of visual/symbolic communication, the use of images for the description and analysis of human behavior, and modes of producing visual ethnographic texts.
Offered Spring odd

ANT 370. Peoples Of The Old World. (3 Units)

A survey of one or more cultural regions of the old World. Specific topics and areas may vary; for example: Europe, Sub-Saharan Africa, Middle East, India, Asia, Southeast Asia, Pacific. Repeatable course.
Offered Infrequent

ANT 371. Historical and Cultural Perspectives in Disability Studies. (3 Units)

Theoretical and historical perspectives on issues pertaining to disability studies/research. The course explores cultural concepts of normalcy and disability and reviews ethnographic contexts of disability in a variety of communities in the United States and the world.
Offered Fall, Spring, Summer

ANT 375. Ethnographic Meth & Tech. (3 Units)

Prerequisites: ANT 100 and consent of instructor. Basic methods in the ethnographic study of contemporary communities. Students conduct supervised field work using audiovisual recording and computer techniques to collect and analyze data. Two hours of lecture and two hours of activity (including computer lab) per week.
Offered Fall

ANT 388. Anthro Theories Of Behav. (3 Units)

Prerequisite: One course in Anthropology. Historical survey and critical analysis of major schools of anthropological thought employed in explaining sociocultural behavior and phenomena. An integrative examination of current developments, issues and applications of the field of anthropology.
Offered Fall, Spring, All terms

ANT 389. Transmission Of Culture. (3 Units)

Examination of the concept of culture; emphasis on exploration of cross-cultural commonalities and differences in societal responses. Analysis of dynamics of cultural change with reference to ethnic and immigrant groups and institutions in America today. Topics include roles, institutions, educational processes, family interaction and structure of social systems.
Offered Infrequent

ANT 390. Applied Anthropology. (3 Units)

Prerequisite: ANT 100. Course examines the applications of anthropology to the solution of contemporary social problems. The course examines the methods of applied anthropology, the relationship between applied research and theory, and the ethical issues in the practice of anthropology.
Offered Fall

ANT 410. Environmental Policy & Planning. (3 Units)

Examination of natural resource policy on local, national, and international levels, across multiple and diverse ecosystems. Emphasis on contemporary management and conservation strategies in the context of social, scientific, environmental, and legal-institutional factors.
Offered Infrequent

ANT 455. People Culture, and the Environment. (3 Units)

Course examines the political and economic aspects of relationships between society and nature, especially with reference to current environmental and human rights issues.
Offered Spring

ANT 456. Quantitative Methods for Anthropology. (3 Units)

Prerequisite: MAT 131 is recommended. Provides an overview of the basic principles and techniques for developing a quantitative research design, collecting, and analyzing data, and presenting results. By the end of the course, all students should be proficient in basic statistical analysis in anthropological research.
Offered Spring odd

ANT 490. Proseminar in Anthropology. (3 Units)

Prerequisite: ANT 100, ANT 101, and ANT 102. Explores careers in Anthropology, examines distinctions between academic and applied Anthropology, reviews career options within sub-fields of Anthropology, examines professional activities of Anthropologists, explains research design.
Offered Spring

ANT 494. Independent Study. (1-4 Units)

Prerequisite: Consent of instructor. Independent study of a particular problem under the direction of a member of the anthropology department. Repeatable course.
Offered Fall, Spring

ANT 495. Selected Topics In Anthropology. (1-4 Units)

Prerequisite: Consent of instructor. An intensive study of an issue, concept or theory in anthropology that is of special interest to both the faculty member and the students. Repeatable course. Three hours of lecture per week.
Offered Fall, Spring

ANT 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.
Offered As needed

ANT 510. Environmental Policy and Planning. (3 Units)

Examination of natural resource policy on local, national, and international level, across multiple and diverse ecosystems. Emphasis on contemporary management and conservation strategies in the context of social, scientific, environmental, and legal-institutional factors.
Offered Infrequent

ANT 555. People, Culture and the Environment. (3 Units)

Examines the political and economic aspects of relationships between society and nature, especially with reference to current environmental and human rights issues.
Offered Spring

ANT 595. Special Topics in Anthropology. (3 Units)

Course exposes students to cross-cultural approaches to environmental problems and develops environmental problem-solving skills based on the holistic approach of anthropology. Students will examine the political and economic aspects of relationships between society and nature in reference to current environmental and human rights issues.
Offered All terms, Infrequent

Anthropology, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (45 units)

Students must fulfill requirements in the Common Core (30 units, see below) and requirements for one of the Concentrations: General Anthropology, Archaeology, Biological, or Applied (see below).

Students must select one of the listed concentrations.

All courses applied to the B.A. in Anthropology must be passed with a grade of "C" or better.

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Common Core Requirements

| Code | Title | Hours |
|--|---------------------------------------|-------|
| Lower Division Required Courses | | |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| ANT 101 | Intro to Biological Anthro | 3 |
| ANT 102 | Ancient Civilizations | 3 |

Upper Division Required Courses

| | | |
|--|--|-----------|
| ANT 312 | Language And Culture | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| ANT 390 | Applied Anthropology | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| Select one course from each of the following groups: | | |
| Ethnography: | | 3 |
| ANT 330 | North American Indians | |
| ANT 337 | Ethnography and Film | |
| ANT 338 | Mainland Southeast Asia | |
| ANT 339 | Mexico and Central America | |
| ANT 342 | South America | |
| ANT 495 | Selected Topics In Anthropology | |
| Ethnology: | | 3 |
| ANT 310 | Culture & Personality: Psychological Anthropology | |
| ANT 315 | Magic & Religion | |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | |
| ANT 341 | Folklore | |
| ANT 360 | Visual Anthropology | |
| ANT 389 | Transmission Of Culture | |
| ANT 495 | Selected Topics In Anthropology | |
| Total Hours | | 30 |

Concentrations

Each Anthropology major must select one of the concentrations listed below:

General Anthropology Concentration

| Code | Title | Hours |
|--|---------------------------------------|-------|
| Common Core | | |
| Complete common core courses | | 30 |
| Upper Division Required Courses | | |
| ANT 375 | Ethnographic Meth & Tech | 3 |
| Select one course from each of the following groups and an additional course from one of the groups: | | 12 |
| Archaeology: | | |
| ANT 313 | Meth & Tech In Arch | |
| ANT 333 | Ancient Peoples Of Mexico | |
| ANT 350 | Prehistory: Africa & Eurasia | |
| ANT 351 | Prehistory of the Americas | |
| ANT 495 | Selected Topics In Anthropology | |
| Biological: | | |
| ANT 352 | Human Osteology | |
| ANT 353 | Forensic Anthropology | |
| ANT 355 | Human Variation | |
| ANT 456 | Quantitative Methods for Anthropology | |
| ANT 495 | Selected Topics In Anthropology | |
| Applied: | | |
| ANT 345 | Medical Anthropology | |
| ANT 346 | Anthropology Of Work | |
| ANT 455 | People Culture, and the Environment | |

| | | |
|--------------------|---------------------------------|-----------|
| ANT 495 | Selected Topics In Anthropology | |
| Total Hours | | 45 |

Archaeology Concentration

| Code | Title | Hours |
|--|---------------------------------------|-----------|
| Common Core | | |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| ANT 101 | Intro to Biological Anthro | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| Upper Division Required Courses | | |
| ANT 313 | Meth & Tech In Arch | 3 |
| Select two courses from the following: | | 6 |
| ANT 350 | Prehistory: Africa & Eurasia | |
| ANT 351 | Prehistory of the Americas | |
| ANT 495 | Selected Topics In Anthropology | |
| Select one course from each of the following groups: | | |
| Biological: | | 3 |
| ANT 352 | Human Osteology | |
| ANT 353 | Forensic Anthropology | |
| ANT 355 | Human Variation | |
| ANT 456 | Quantitative Methods for Anthropology | |
| ANT 495 | Selected Topics In Anthropology | |
| Applied: | | 3 |
| ANT 345 | Medical Anthropology | |
| ANT 346 | Anthropology Of Work | |
| ANT 455 | People Culture, and the Environment | |
| ANT 495 | Selected Topics In Anthropology | |
| Total Hours | | 24 |

Biological Concentration

| Code | Title | Hours |
|--|---------------------------------------|-------|
| Common Core | | |
| Complete common core courses | | 30 |
| Upper Division Required Courses | | |
| ANT 352 | Human Osteology | 3 |
| Select two courses from the following: | | 6 |
| ANT 353 | Forensic Anthropology | |
| ANT 355 | Human Variation | |
| ANT 456 | Quantitative Methods for Anthropology | |
| ANT 495 | Selected Topics In Anthropology | |
| Select one course from each of the following groups: | | |
| Archaeology: | | 3 |
| ANT 313 | Meth & Tech In Arch | |
| ANT 333 | Ancient Peoples Of Mexico | |
| ANT 350 | Prehistory: Africa & Eurasia | |
| ANT 351 | Prehistory of the Americas | |
| ANT 495 | Selected Topics In Anthropology | |
| Applied: | | 3 |
| ANT 345 | Medical Anthropology | |
| ANT 346 | Anthropology Of Work | |
| ANT 455 | People Culture, and the Environment | |

| | | |
|--------------------|---------------------------------|-----------|
| ANT 495 | Selected Topics In Anthropology | |
| Total Hours | | 45 |

Applied Concentration

| Code | Title | Hours |
|--|---------------------------------------|-----------|
| Common Core | | |
| Complete common core courses | | 30 |
| Upper Division Required Courses | | |
| ANT 375 | Ethnographic Meth & Tech | 3 |
| Select two courses from the following: | | 6 |
| ANT 345 | Medical Anthropology | |
| ANT 346 | Anthropology Of Work | |
| ANT 455 | People Culture, and the Environment | |
| ANT 456 | Quantitative Methods for Anthropology | |
| ANT 495 | Selected Topics In Anthropology | |
| Select one course from each of the following groups: | | |
| Archaeology: | | 3 |
| ANT 313 | Meth & Tech In Arch | |
| ANT 333 | Ancient Peoples Of Mexico | |
| ANT 350 | Prehistory: Africa & Eurasia | |
| ANT 351 | Prehistory of the Americas | |
| ANT 495 | Selected Topics In Anthropology | |
| Biological: | | 3 |
| ANT 352 | Human Osteology | |
| ANT 353 | Forensic Anthropology | |
| ANT 355 | Human Variation | |
| ANT 495 | Selected Topics In Anthropology | |
| Total Hours | | 45 |

Program Learning Outcomes

- Summarize the evidence and processes of world cultural development and the basic sub-disciplines of Anthropology
- Understand basic anthropology theory and methods and can explain how these relate to the conduct of fieldwork and research
- Demonstrates in-depth knowledge of specific cultures
- Applies fieldwork techniques to collect, generate, and analyze anthropological data
- Demonstrate critical thinking skills and be able to write effective essays and papers in anthropological topics
- Can apply anthropological concepts to the world of work and in everyday life
- Critically assess and interpret findings on the human condition from a holistic anthropological perspective
- Use the concepts and methods of Anthropology to enhance multicultural interpersonal relationships in work and everyday life
- Displays respect for other ways of life and an understanding of ethnocentrism

B.A. Anthropology: General Anthropology Concentration

4-Year Degree Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| ANT 100 | Introduction to Cultural Anthropology (satisfies GE Area D1) | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| ANT 101 | Intro to Biological Anthro (satisfies GE Area B2) | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logical/Critical Reasoning | | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| Hours | | 16 |
| Spring | | |
| ANT 312 | Language And Culture | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area C1 or C2 | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| ANT 390 | Applied Anthropology | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |
| Spring | | |
| Applied Concentration Course | | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| GE Area D3 Integrative Studies in Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| ANT 375 | Ethnographic Meth & Tech | 3 |
| Applied Concentration Archaeology | | 3 |
| Applied Concentration Biological | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Course | Title | Hours |
|---|-------|------------|
| Spring | | |
| Additional UD Anthropology Course | | 3 |
| ANT UD Ethnology Elective | | 3 |
| GE Area C3 Integrative Studies in Arts and Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Degree Roadmap

| Course | Title | Hours |
|--|----------------------------|-----------|
| First Year | | |
| Fall | | |
| ANT 390 | Applied Anthropology | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| Elective to meet 120 units | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| Applied Concentration Course | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ANT 375 | Ethnographic Meth & Tech | 3 |
| Applied Concentration Archaeology | | 3 |
| Applied Concentration Biological | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| Additional UD Anthropology Course | | 3 |
| ANT UD Ethnology Course | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

B.A. Anthropology: Archaeology Concentration

4-Year Degree Roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| ANT 101 | Intro to Biological Anthro (satisfies GE area B2) | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 or C2 | | 3 |

| | | |
|--|---|------------|
| GE Area D1 or D2 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logical/Critical Reasoning | | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Hours | | 16 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| ANT 312 | Language And Culture | 3 |
| GE Area C1 or C2 | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| ANT 390 | Applied Anthropology | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| ANT UD Ethnography Elective | | 3 |
| ANT 354 | Biological Anthropology | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| ANT 313 | Meth & Tech In Arch | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| GE Area D3 Integrative Studies in Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| Archaeology Concentration Course | | 3 |
| Archaeology Concentration Applied | | 3 |
| Archaeology Concentration Biological | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| Additional Archaeology Concentration Course | | 3 |
| ANT UD Ethnology Elective | | 3 |
| GE Area C3 Integrative Studies in Arts and Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Degree Roadmap (transfer students)

| Course | Title | Hours |
|-----------------------------|---|-----------|
| First Year | | |
| Fall | | |
| ANT 390 | Applied Anthropology | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| | | |
|--|----------------------------|-----------|
| Spring | | |
| ANT 313 | Meth & Tech In Arch | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| GE Area D3 Integrative Studies in the Social Studies | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Archaeology Concentration Course | | 3 |
| Archaeology Concentration Applied | | 3 |
| Archaeology Concentration Biological | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| Additional Archaeology Concentration Course | | 3 |
| ANT UD Ethnology Elective | | 3 |
| GE Area C3 Integrative Studies in Arts and Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

B.A. Anthropology: Biological Concentration

4 Year Degree Roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B2 Written Communication | | 3 |
| ANT 101 | Intro to Biological Anthro (satisfies GE Area B2) | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logical/Critical Thinking | | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| Hours | | 16 |
| Spring | | |
| ANT 312 | Language And Culture | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area C1 or C2 | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Third Year

| Fall | | |
|-----------------------------|---|-----------|
| ANT 390 | Applied Anthropology | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |

| Spring | | |
|---|----------------------------|-----------|
| Biological Concentration Course | | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| GE Area D3 Integrative Studies in Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Fourth Year

| Fall | | |
|--|-----------------|-----------|
| ANT 352 | Human Osteology | 3 |
| Biological Concentration Archaeology | | 3 |
| Biological Concentration Applied | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Spring | | |
|---|--|------------|
| Additional Biological Concentration Course | | 3 |
| ANT UD Ethnology Elective | | 3 |
| GE Area C3 Integrative Studies in Arts and Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2 Year Degree Roadmap (transfer students)

| Course | Title | Hours |
|-----------------------------|---|-----------|
| First Year | | |
| Fall | | |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |

| Spring | | |
|--|----------------------------|-----------|
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| Applied Concentration Course | | 3 |
| GE Area D3 Integrative Studies in Social Science | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Second Year | | |
|--|-----------------|-----------|
| Fall | | |
| ANT 352 | Human Osteology | 3 |
| Biologicals Concentration Archaeology | | 3 |
| Biological Concentration Applied | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Spring | | |
|---|--|---|
| Additional Biological Concentration Course | | 3 |
| ANT UD Ethnology Elective | | 3 |
| GE Area C3 Integrative Studies in Arts and Humanities | | 3 |

| | | |
|----------------------------|---|-----------|
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 3 | |
| Hours | | 15 |
| Total Hours | | 60 |

**B.A. Anthropology: Applied Concentration
4-Year Degree Roadmap**

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| HIS 101 | History Of United States (statutory requirement) | 3 |
| POL 101 | American Institutions (statutory requirement) | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |

| Spring | | |
|-----------------------------------|--|-----------|
| GE Area A2 Written Communication | | 3 |
| ANT 101 | Intro to Biological Anthro (fulfills GE Area B2) | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| Hours | | 15 |

| Second Year | | |
|---------------------------------------|-----------------------|-----------|
| Fall | | |
| GE Area A3 Logical/Critical Reasoning | | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 2 |
| Hours | | 15 |

| Spring | | |
|----------------------------|----------------------|-----------|
| GE Area F Ethnic Studies | | 3 |
| ANT 312 | Language And Culture | 3 |
| GE Area C1 or C2 | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Third Year | | |
|-----------------------------|---|-----------|
| Fall | | |
| ANT 390 | Applied Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| ANT 354 | Biological Anthropology | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |

| Spring | | |
|---|----------------------------|-----------|
| Applied Concentration Course | | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Fourth Year | | |
|--|--------------------------|---|
| Fall | | |
| ANT 375 | Ethnographic Meth & Tech | 3 |
| Applied Concentration Archaeology | | 3 |
| Applied Concentration Biological | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |

| | |
|---|------------|
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Spring | |
| Additional Applied Concentration Course | 3 |
| ANT UD Ethnology Elective | 3 |
| GE Area C3 Integrative Studies in Arts and Humanities | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 120 |

2-Year Degree Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ANT 390 | Applied Anthropology | 3 |
| ANT 354 | Biological Anthropology | 3 |
| ANT UD Ethnography Elective | | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |
| Spring | | |
| Applied Concentration Course | | 3 |
| ANT 490 | Proseminar in Anthropology | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| GE Area D3 Integrative Studies in Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ANT 375 | Ethnographic Meth & Tech | 3 |
| Applied Concentration Archaeology | | 3 |
| Applied Concentration Biological | | 3 |
| GE Area B5 UD Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| Additional UD Anthropology Course | | 3 |
| ANT UD Ethnology Course | | 3 |
| GE Area C3 UD Arts and Humanities Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Anthropology, Minor Requirements

The minor consists of five courses in anthropology. In consultation with an advisor, a specialized minor focusing on a specific aspect of anthropology can be developed in an area such as: Medical Anthropology, Human Evolution, Applied Anthropology, Educational Anthropology.

| Code | Title | Hours |
|--|---------------------------------------|-------|
| Lower Division Requirements | | |
| Select two courses from the following: | | 6 |
| ANT 100 | Introduction to Cultural Anthropology | |
| ANT 101 | Intro to Biological Anthro | |
| ANT 102 | Ancient Civilizations | |

| Upper Division Requirements | |
|--|-----------|
| Select three upper division Anthropology courses | 9 |
| Total Hours | 15 |

Cultural Resource Management, Certificate

In addition to the course work listed for the major concentration in Archaeology, the awarding of the certificate is based on demonstrated applied experience in the professional aspects of Cultural Resource Management. Students must demonstrate competence in at least two of the following areas:

1. Intensive archaeological or ethnographic field experience relating to Cultural Resource Management; this experience must extend beyond an introductory field course.
2. Laboratory analysis in which the student demonstrates knowledge of methods and techniques in handling, processing, and interpreting either archaeological or ethnographic findings.
3. Report preparation experience in which the archaeological or anthropological aspects of Cultural Resource Management are stressed.

The applied experiences required for the Certificate in Cultural Resource Management can be obtained through independent study, enrollment in a special topics course, volunteer training, internships or actual professional experience of reasonable duration gained through employment in cultural resource management programs or projects. Arrangements for such experiences and individual competencies need to be made in advance under the guidance of the program coordinator and the department chair. Consultation should take place as soon as possible after the student selects this certificate program and also periodically while participating in the program.

Indigenous Peoples of the Americas, Minor Requirements

The interdisciplinary minor in Indigenous Peoples of the Americas focuses on the indigenous peoples of North, Central, and South America. The minor includes courses from four academic disciplines in three colleges. The Indigenous Peoples of the Americas minor provides students with an understanding of and respect for historic and contemporary Native Peoples of the Americas, and it serves our students who have a Native American heritage. The minor helps to prepare students for a variety of careers in the public, non-profit, and private sectors, where knowledge of Native American history and culture is important. For further information, contact the Department of Anthropology.

| Code | Title | Hours |
|---|------------------------------|-------|
| Select one course from the following: ¹ | | 3 |
| ANT 330 | North American Indians | |
| HIS 342 | Native American History | |
| Select two courses from the following: ² | | 6 |
| ANT 333 | Ancient Peoples Of Mexico | |
| ANT 334 | Mesoamerica Past and Present | |
| ANT 342 | South America | |

| | |
|---|---|
| ANT 351 | Prehistory of the Americas |
| HIS 376 | Film As History |
| HIS 380 | Women In History |
| Select one of the following: ³ | |
| ANT 315 | Magic & Religion |
| HEA 468 | Multicultural Health |
| HIS 340 | American West |
| HIS 368 | Mexico: Colonial |
| HIS 369 | Mexico: National Period |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics |

Total Hours **12**

¹ All students in the IPA minor must take at least one of the following core courses. These courses provide comprehensive converge of indigenous cultures and history in North America.

² All students are required to take two of the following courses. These courses focus exclusively on the themes relevant to indigenous peoples of the Americas or on specific indigenous groups/regions within the Americas.

Note: An advisor may approve the use of any 395 or 495 course for Area B of the IPA minor if the student can provide documentation indicating the course content meets the criteria discussed in Area B.

³ All students must take one of the following courses. These courses include components that focus on indigenous peoples of the Americas, and also include discussion of non-indigenous peoples.

Note: An advisor may approve the use of any 395 or 495 course for Area C of the IPA minor if the student can provide documentation indicating the course content meets the criteria discussed in Area C.

1.

Art

College of Arts and Humanities
Department of Art and Design

Program Description and Features

The Art major provides rich experiences and creative training in a community that values experimentation and self-awareness. Faculty mentor students by establishing a foundation of skillsets across disciplines in drawing, painting, sculpture, ceramics, socially engaged art, time-based media and other contemporary art practices.

Advances level courses are designed to cultivate content-driven art allowing students the flexibility of using the medium(s) of their choice. In the senior year, students develop a professional plan while conceptualizing and creating a cohesive body of work for participation in an exhibition.

Art historical precedents and contemporary art issues as well as professional practices and the technologies of art are emphasized throughout the program. Students have the option to participate in internships and apply for scholarships and are given access to visiting artists and curators. The Art major offers comprehensive preparation and guidance for students to become practicing artists, cultural producers, and creative thinkers.

Program goals are as follows:

1. To introduce students to a variety of art disciplines – drawing, painting, sculpture, ceramics, technologies of art, contemporary art practices, professional practices, and art history.
2. To help students develop technical, formal, and conceptual skills in these areas.
3. To prepare students for the further study or practice of art-making.

The Fine Arts facility is located in LaCorte Hall. All of the traditional visual arts areas have generously sized studios and the majority of these adjoin exterior patios, which further extend their usable space and take advantage of Southern California's mild climate. The studios are furnished with a wide range of equipment for various media.

The University Art Gallery contains over 2,000 square feet of exhibition space. The Gallery has frequent exhibitions, including guest lectures by exhibiting professional artists.

Students have additional access to studios outside of class time.

The **Minor in Art** invites students to explore two-and three-dimensional studies in the Department of Art and Design. Students may take the Minor in Art and also major in Art History or Design or a major from another program.

The **Minor in Ceramics** introduces students to the fundamentals of ceramic art both in functional and sculptural applications. Students may take the Minor in Ceramics and also a major in Art History or Design.

Academic Advisement

Advising for Art & Design majors and minors is done by Art and Design faculty members as well as the College of Arts and Humanities academic advisors. Students must stop by the Department of Art and Design to be assigned to an advisor. The advisor will facilitate the student's smooth passage through his/her educational experience. Students must consult their advisors each semester before registration to discuss their program. For General Education information and advisement, contact the College of Arts and Humanities Student Success Center located in LIB 5515, (310) 243-3264.

Preparation

High school students planning to major in art at CSU Dominguez Hills will be best prepared by taking a maximum variety of art courses offered in their school. In addition, they should have some general exposure to the history of art.

Community College transfer students seeking admittance to the CSU Dominguez Hills Art and Design department will be best prepared by having completed the equivalent of the following CSU Dominguez Hills lower division art courses:

- Introduction to World Art 2 (ARH 111)
 - Ceramics 1 (ART 150)
 - 2D Design (ART 170)
 - 3D Design (ART 171)
 - Drawing I (ART 179)
 - Painting 1 (ART 180)
 - Sculpture 1 (Art 190)
- Students should be aware that community college courses do not satisfy upper-division course requirements.

Student Organizations

Ceramics Guild, Jim Keville, Advisor
Arts Collective, Devon Tsuno, Advisor

Scholarships

The Winston Hewitt Endowed Scholarships are awarded on merit to Art majors emphasizing painting and who are continuing, full-time students at CSU Dominguez Hills. Winston Russell Hewitt (1922-2006) had a long career as an artist, traveler, multi-linguist, an OSS officer, and a Distinguished Professor of French Literature at California State University, Dominguez Hills. Applications are available annually at the beginning of the spring semester. The deadline for application submission will be announced at the beginning of the spring semester. Please contact the Department of Art and Design for additional scholarship questions.

Graduation With Honors

Undergraduate students may be candidates for graduation with Honors in Art if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses is used to satisfy the upper-division requirements for the Art major;

Career Possibilities

The primary goal of the Bachelor of Arts in Art is to prepare the student for further studies. Nevertheless, the skills acquired may provide students with a variety of interesting employment opportunities, some of which are listed below:

Art

Exhibiting artist; self-employed work for various organizations on freelance or commission basis; artist-in-residence/artist-in-the-schools; art consultant; art director; cartoonist; illustrator; medical illustration; book illustration; and computer artist.

Undergraduate Programs

Bachelor

- Art, Bachelor of Arts (p. 374)

Minors

- Art, Minor (p. 375)
- Ceramics, Minor (p. 376)

Faculty

Jim Keville, Department Chair
Michele Bury, Kirstin Ellsworth, Jimena Sarno, Aandrea Stang, Devon Tsuno, Ellie Zenhari

Aandrea Stang, Art Gallery Director Department Office: LCH A-111, (310) 243-3310

Please visit the Art & Design Department Website: <https://www.csudh.edu/art/>

Emeriti Faculty

Bernard Baker, John Goders, Arthur L. Harshman, Gilah Yelin Hirsch, Louise Ivers, Noreen Larinde, Norman Neuerburg, Ernest Rosenthal, Sidney Glen White

Courses

ART 100. Looking At Art. (3 Units)

Learning to perceive art through discussion of selected historical periods, development of a descriptive vocabulary, and observation of actual works of art. Introduction to theories of interpretation and evaluation.
Offered Fall, Spring, Summer

ART 101. Experiencing Creative Art. (3 Units)

Learning modes of artistic expression through discussion of theories of composition, examination of the lives and goals of selected artists and art movements, and creation of individual and group art projects. Discussion of projects to develop skills in art criticism. This course is restricted to 1st time Freshman going through the First Year Experience.
Offered Fall, Spring

ART 150. Ceramics 1. (3 Units)

History of and introduction to ceramics design problems with ceramic materials emphasizing hand forming. Familiarization with low and high firing techniques. Six hours of activity per week. Fee required.
Offered Fall, Spring

ART 165. Contemporary Art Practices 1. (3 Units)

Prerequisites: ART 170 is recommended. Introduction to current art practices. Students will learn to conceptualize and produce contemporary art using a variety of materials, technologies and post-studio strategies. Six hours of activity per week.
Offered All terms, Fall

ART 170. 2-D Design. (3 Units)

Principles of design as they relate to two dimensional elements (point, line, shape, texture, color, etc.) and their composition on the pictorial surface. Introduction to various two-dimensional media. Six hours of activity per week.
Offered Fall, Spring

ART 171. 3-D Design. (3 Units)

Principles of design as they relate to the three-dimensional elements (line, plane, volume, color) and their composition in space. Six hours of activity per week.
Offered Spring, All terms

ART 179. Drawing 1. (3 Units)

A foundation course in drawing, oriented to understanding and use of various approaches to graphic representation. Six hours of activity per week.
Offered Fall, Spring, All terms

ART 180. Painting 1. (3 Units)

A foundation course introducing the student to problems of pictorial space, organization, and color through the use of two-dimensional painting media. Six hours of activity per week.
Offered Spring, All terms

ART 190. Sculpture 1. (3 Units)

Basic theory and methods of creating sculptural form by additive processes. Emphasis on clay modeling and waste-mold casting. Six hours of activity per week. Fee required.
Offered Fall, All terms

ART 301. Arts/Crafts For Non-Major. (3 Units)

Development, experience, and application of arts and crafts projects of special value to Liberal Studies and Recreation majors. Six hours of activity per week.
Offered Fall, Spring, Summer

ART 355. Ceramics 2. (3 Units)

Prerequisite: ART 150 is required. History of and continuation to ceramics design problems with ceramic materials emphasizing hand forming. Familiarization with surface enhancements will also be explored. Six hours of activity per week. Fee required.
Offered All terms, Fall, Spring

ART 360. Contemporary Art Practices 2. (3 Units)

Prerequisite: ART 165 is required. An intermediate course exploring current art practices. Students will advance conceptual ideas to produce contemporary art, expanding on the materials, technologies, and post-studio strategies introduced in Contemporary Art Practices 1. Six hours of activity per week. Fee required.
Offered Spring

ART 361. Wheel Thrown Ceramics. (3 Units)

Introductory course to the use of the potter's wheel Building on the skills learned in Ceramics I; emphasis on wheel-throwing techniques. Surface enhancements and kiln firing process will also be addressed. Six hour of activity per week.
Offered Fall

ART 371. Drawing 2. (3 Units)

Prerequisite: ART 179. Development of skill in graphic representation, stressing an understanding of pictorial space and organization. Problems of technique and media. Six hours of activity per week.
Offered Spring

ART 373. The Figure 1. (3 Units)

Prerequisite: ART 179. Development of the graphic representation of the human form. Live models used to introduce problems of form, structure, and anatomy. Six hours of activity per week. Fee required.
Offered Fall

ART 380. Painting 2. (3 Units)

Prerequisites: ART 170 and ART 180. Problems in the creative use of the materials of painting. Emphasis on visual concepts, interpretation, and expression. Six hours of activity per week.
Offered Fall

ART 384. Painting 3. (3 Units)

Prerequisite: ART 380. Development of a more comprehensive understanding of materials and methods as they related to current concepts of painting. Six hours of activity per week.
Offered Spring

ART 385. Visual Media Studies 1. (3 Units)

Prerequisites: ART 150, ART 165, ART 170, ART 171, ART 179, ART 180, ART 190 and ART 371 are required. ART 355, ART 360, ART 373, ART 380 and ART 392 are recommended. Intermediate course to begin creating a cohesive body of work. Emphasis on critical analysis, individual practice, group critique and current theoretical issues. Conceptualization and production of art can include any visual media. Six hours of activity per week.
Offered Fall

ART 392. Sculpture 2. (3 Units)

Prerequisite: ART 190 is required. Experiments in contemporary sculpture combining traditional concepts and the use of found objects and other readily available non-traditional materials. Introduction to wood and metal fabricating. Six hours of activity per week. Fee required.
Offered Spring

ART 395. Special Topics in Art. (3 Units)

Prerequisite: Consent of instructor. Study of special interest for students in the selected area of study. Topic and content will vary as announced.
Offered Infrequent

ART 447. Visual Identity and Branding. (3 Units)

Prerequisite: ART 344 is required. Study of building brands and brand identity. Visual systems and development of cultural messages are explored. Projects include development, research, client interaction, presentation, and independent student work. Six hours of activity per week. Fee required.
Offered Fall

ART 463. Ceramics 3. (3 Units)

Prerequisite: ART 355 or ART 361 is required. Study of the Mexica Culture and Nahuatl languages as reflected in 16th Century manuscripts. Designed to give students an indigenous cultural and linguistic perspective to read and analyze passages from primary sources in classic Nahuatl.
Offered Fall

ART 474. The Figure 2. (3 Units)

Prerequisite: ART 373. An advanced course in the graphic study of the human figure. Emphasis upon the creative interpretation of form and structure through media. Repeatable course. Six hours of activity per week. Fee required
Offered Fall

ART 485. Visual Media Studies 2. (3 Units)

Prerequisites: ART 150, ART 165, ART 170, ART 171, ART 180, ART 190, ART 371 and ART 385 are required. ART 355, ART 360, ART 373, ART 380 and ART 392 are recommended. Capstone course to complete a cohesive body of work for exhibition. Emphasis on critical analysis, individual practice, group critique and current theoretical issues. Six hours of activity per week.
Offered Spring

ART 486. Painting 4. (3 Units)

Prerequisite: ART 384. Advanced study emphasizing aesthetic development, personal imagery, and individual critical awareness. Self-initiated studio problems. Repeatable course. Six hours of activity per week.
Offered Spring

ART 492. Professional Practices Seminar. (3 Units)

Prerequisites: ART 150, ART 170, ART 171, ART 180, ART 165, ART 190, ART 371, Senior Status, Exhibiting in Spring Exhibition required. Co-requisite: ART 385 is required. This capstone provides professional training in the business of art addressing exhibition design, portfolio development, grant writing, residencies, and graduate school applications. A requirement before participation in the senior exhibition. Six hours of activity per week. Fee required.
Offered Fall

ART 493. Special Studies In Art. (3 Units)

Detailed study of material, method, concept, or period of Art. Repeatable course. Six hours of activity per week. Fee required.
Offered As needed

ART 494. Independent Study In Art. (1-3 Units)

Prerequisites: Senior standing as an Art major or minor is required; consent of instructor and department chair. ART 494 may not be substituted for a required course in the major or minor without prior consent of instructor and adviser. An art project undertaken with the advice and supervision of a Studio or Design Art faculty member. Repeatable course.
Offered Fall, Spring

ART 495. Selected/Variable Topics in Art. (3 Units)

Detailed study of art. Repeatable course. Restricted to juniors and seniors. Department consent required.

Offered As needed

ART 496. Internship In Art. (1-3 Units)

Prerequisites: Upper division standing and consent of instructor.

Supervised on- or off-campus art related work in selected museums, galleries, art and slide libraries, studios or commercial firms. Practical application of knowledge to such areas as exhibition, conservation, cataloging, and Art History, Studio or Design activity. Term paper required. Repeatable course.

Offered Fall, Spring

ART 498. Directed Rch Art History. (1-3 Units)

Prerequisites: Senior standing as an Art major or minor is required; consent of instructor and department chair. Preparation of a research paper on a selected topic in the History of Art. Repeatable course.

Offered Fall, Spring

Art, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required. Art majors are recommended to select a minor in another field of art.

Major Requirements (54 units)

The following courses, or their approved equivalents, are required for all candidates for this degree.

A. Lower Division Required Courses (24 units)

| Code | Title | Hours |
|--|------------------------------|-------|
| Lower Division Required Courses | | |
| ARH 111 | Introduction To World Art 2 | 3 |
| ART 150 | Ceramics 1 | 3 |
| ART 165 | Contemporary Art Practices 1 | 3 |
| ART 170 | 2-D Design | 3 |
| ART 171 | 3-D Design | 3 |
| ART 179 | Drawing 1 | 3 |
| ART 180 | Painting 1 | 3 |

| | | |
|--------------------|-------------|-----------|
| ART 190 | Sculpture 1 | 3 |
| Total Hours | | 24 |

B. Upper Division Required Courses (30 units)

| Code | Title | Hours |
|---------|--------------------------------|-------|
| ARH 331 | Modern Art | 3 |
| or | | |
| ARH 333 | Contemporary Art | |
| ART 355 | Ceramics 2 | 3 |
| ART 360 | Contemporary Art Practices 2 | 3 |
| ART 371 | Drawing 2 | 3 |
| ART 373 | The Figure 1 | 3 |
| ART 380 | Painting 2 | 3 |
| ART 385 | Visual Media Studies 1 | 3 |
| ART 392 | Sculpture 2 | 3 |
| ART 485 | Visual Media Studies 2 | 3 |
| ART 492 | Professional Practices Seminar | 3 |

C. Electives

The following courses are not required but may be taken to augment the required courses and may be needed to reach a total of 120 units for overall graduation.

| Code | Title | Hours |
|---------|--------------------------|-------|
| ART 361 | Wheel Thrown Ceramics | |
| ART 463 | Ceramics 3 | |
| ART 474 | The Figure 2 | |
| ART 493 | Special Studies In Art | |
| ART 494 | Independent Study In Art | |
| ART 496 | Internship In Art | |

- Identify a variety of art disciplines—drawing, painting, sculpture ceramics, art technologies, and contemporary art practices. (Information Literacy)
- Apply technical, formal, and conceptual skills in a variety of art disciplines and art practices. (Disciplinary Proficiency)
- Know a variety of visual art genres and the variety of art makers both locally and globally and the cultural significance or relevance. (Critical Thinking)
- Write and speak about artistic expression and what inspires creativity. (Communication)
- Explain in writing or orally how one's environment and moment in time can influence creative expression and how that expression can have an impact on society and social justice. (Engaged Citizenry)
- Develop knowledge and skills necessary to pursue graduate studies in the visual arts as measured through portfolios and mock graduate school applications. (Critical Thinking)
- Exhibit a selection of representative works in a public gallery or other cultural venue. (Disciplinary Proficiency)

Art 4-Year Roadmap

| Course | Title | Hours |
|-------------------|------------|-------|
| First Year | | |
| Fall | | |
| ART 170 | 2-D Design | 3 |
| ART 179 | Drawing 1 | 3 |

| | |
|--|------------|
| GE Area A2 Written Communication | 3 |
| GE Area B4 Quantitative Reasoning | 3 |
| GE Area C1 | 3 |
| Hours | 15 |
| Spring | |
| ARH 111 Introduction To World Art 2 | 3 |
| ART 171 3-D Design | 3 |
| ART 180 Painting 1 | 3 |
| GE Area A1 Oral Communication | 3 |
| GE Area B2 | 3 |
| GE Area B3 | 1 |
| Hours | 16 |
| Second Year | |
| Fall | |
| ART 165 Contemporary Art Practices 1 | 3 |
| ART 190 Sculpture 1 | 3 |
| HIS 101 History Of United States | 3 |
| POL 101 American Institutions | 3 |
| GE Area A3 Logic/Critical Thinking | 3 |
| Hours | 15 |
| Spring | |
| ART 150 Ceramics 1 | 3 |
| ART 371 Drawing 2 | 3 |
| GE Area B1 | 3 |
| GE Area D1 | 3 |
| GE Area E | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| ART 355 Ceramics 2 | 3 |
| ART 373 The Figure 1 | 3 |
| ART 380 Painting 2 | 3 |
| GE Area C2 | 3 |
| Additional GE in Area C1 or C2 | 3 |
| Hours | 15 |
| Spring | |
| ARH 331 Modern Art or ARH 333 or Contemporary Art | 3 |
| ART 360 Contemporary Art Practices 2 | 3 |
| ART 392 Sculpture 2 | 3 |
| GE Area D2 | 3 |
| GE Area F | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| ART 385 Visual Media Studies 1 | 3 |
| ART 492 Professional Practices Seminar | 3 |
| GWAR Requirement | 3 |
| GE Area C1 or C2 | 3 |
| GE Area B5 | 3 |
| Hours | 15 |
| Spring | |
| ART 485 Visual Media Studies 2 | 3 |
| GE Area C3 | 3 |
| GE Area D3 | 3 |
| Elective Course | 3 |
| Elective Course | 2 |
| Hours | 14 |
| Total Hours | 120 |

2-Year Roadmap

| Course | Title | Hours |
|-----------------------|-----------------------------------|-----------|
| First Year | | |
| Fall | | |
| ART 165 | Contemporary Art Practices 1 | 3 |
| ART 355 | Ceramics 2 | 3 |
| ART 373 | The Figure 1 | 3 |
| ART 380 | Painting 2 | 3 |
| GWAR Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| ARH 331 or ARH 333 | Modern Art or Contemporary Art | 3 |
| ART 360 | Contemporary Art Practices 2 | 3 |
| ART 371 | Drawing 2 | 3 |
| ART 392 | Sculpture 2 | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ART 385 | Visual Media Studies 1 | 3 |
| ART 492 | Professional Practices Seminar | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| ART 485 | Visual Media Studies 2 | 3 |
| GE Area C3 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Art, Minor Requirements (15 units)

The Minor in Art invites students to explore two- and three-dimensional studies in the Department of Art and Design. Students may take the Minor in Art and also Major in Art History or Design degree programs.

To complete the Minor in Art, the following courses must be taken:

| Code | Title | Hours |
|--|-------------|-----------|
| A. Lower Division Requirements | | |
| 1. Select one course from the following: | | 3 |
| ART 170 | 2-D Design | |
| ART 179 | Drawing 1 | |
| ART 180 | Painting 1 | |
| 2. Select one course from the following: | | 3 |
| ART 150 | Ceramics 1 | |
| ART 171 | 3-D Design | |
| ART 190 | Sculpture 1 | |
| B. Upper Division Requirements | | |
| Select three 300 or 400 level drawing, painting, sculpture, printmaking, or ceramics courses | | 9 |
| Total Hours | | 15 |

Ceramics, Minor

Requirements (12 units)

The Minor in Ceramics invites students to explore a variety of art materials, methods, and skills in three-dimensional disciplines. Students may take the Minor in Ceramics and also major in Art History or Design Options.

To complete the Minor in Ceramics, the following courses must be taken:

| Code | Title | Hours |
|---|-----------------------|-----------|
| 1. Lower Division Requirements | | |
| ART 150 | Ceramics 1 | 3 |
| 2. Upper Division Required Courses | | |
| ART 355 | Ceramics 2 | 3 |
| ART 361 | Wheel Thrown Ceramics | 3 |
| ART 463 | Ceramics 3 | 3 |
| Total Hours | | 12 |

Art History

College of Arts & Humanities

Department of Arts and Design

Program Description and Features

The mission of the B.A. in Art History is to provide a comprehensive program of study in the history of Art. Students experience the opportunity to develop knowledge in the histories of art from several different regions of the world and time periods. Upon completion of the introductory survey courses, students pursue a set of Upper Division required courses that address periods in Western Art from the Renaissance to the Contemporary. Students are also required to take elective courses in New Western Art at the Upper Division level. A range of specialized Upper Division elective courses allow students to focus on particular interests including the histories of architecture and design.

The B.A. in Art History is intended to prepare the next generation of Art Historians who will serve as educators, researchers, and museum professionals. The pedagogical approach emphasizes critical thinking, writing, research, and oral presentation skills. In all courses, students gain experience analyzing problems in the field and learn to locate and evaluate a range of peer-reviewed sources and visual examples to support their inquiries and theses. Through the presentation of their findings to peers, they learn how to respond to questions and develop constructive feedback. In this manner, students emerge with skills necessary to perform key competencies required for work in the arts.

The **Minor in Art History** offers students a background in the history of Art and allows them a choice of three courses at the Upper Division level that may be of particular interest to them in any combination of traditional, modern, and non-Western Art.

Academic Advisement

Advising for Art & Design majors and minors is done by Art and Design faculty members as well as the College of Arts and Humanities advisors. Students must stop by the Department of Art and Design to be assigned to an advisor. The advisor will facilitate the student's smooth passage through his/her educational experience. Students must consult their

advisors each semester before registration to discuss their program. For General Education information and advisement, contact the College of Arts and Humanities Student Success Center in LIB 5515, (310) 243-3264.

Preparation

High school students planning to major in art and design at CSU Dominguez Hills will be best prepared by taking a maximum variety of art and/or design courses offered in their school, especially in traditional studio art areas, such as drawing, painting, ceramics, and 3-D studies, as well as an introduction to Adobe Photoshop and Illustrator. In addition, they should have some general exposure to the history of art. It is assumed that students will have the necessary precollegiate academic skills of reading, writing, and mathematics.

Students entering the B.A. in Art History program must complete the following:

1. Earn an overall grade point average of 2.0 or better in courses taken outside of the department.
2. Earn a grade of "C" or better in each course taken within the department.
3. Earn a grade of "C" or better in all direct and indirect prerequisite courses listed in the catalog before advancing to the next level course in a sequence for English, Mathematics, and Science courses.

Student Organizations

Ceramics Guild, Jim Keville, Advisor

Arts Collective, Devon Tsuno, Advisor

Scholarships

For Information regarding Scholarships in the Art and Design department, please contact the department chair.

Graduation With Honors

Undergraduate students may be candidates for graduation with Honors in Art if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements for the Art major

Career Possibilities

Art History majors often pursue careers in museums and galleries in a variety of positions from curatorial and research to education, coordination, and management. Upon completion of a graduate degree, Art History majors may consider teaching careers or work in public and private archives. Art History majors are also suitable candidates for employment in non-profit institutions focused upon the arts and humanities.

Bachelor

- Art History, Bachelor of Arts (p. 378)

Minors

- Art, Minor (p. 375)
- Ceramics, Minor (p. 376)

Faculty

Jim Keville, Department Chair

Michele Bury, Kirstin Ellsworth, Jimena Sarno, Aandrea Stang, Devon Tsuno, Ellie Zenhari

Aandrea Stang, Art Gallery Director Department Office: LCH A-111, (310) 243-3310

Please visit the Art & Design Department Website: (<https://www.csudh.edu/art/>)<https://www.csudh.edu/art/>

Emeriti Faculty

Bernard Baker, John Goders, Arthur L. Harshman, Gilah Yelin Hirsch, Louise Ivers, Noreen Larinde, Norman Neuerburg, Ernest Rosenthal, Sidney Glen White

ARH 110. Introduction To World Art 1. (3 Units)

An overview of the major works of art and architecture from Prehistoric times through the Middle Ages around the world. Each style of art is related to the society which produced it.

Offered Fall

ARH 111. Introduction To World Art 2. (3 Units)

Prerequisite: ARH 110 is recommended. An overview of the major works of art and architecture from the Renaissance through the Modern Period. Each style of art is related to the society which produced it.

Offered Spring

ARH 322. Medieval to Gothic Art. (3 Units)

Prerequisites: ARH 110 and ARH 111. Examination of the art of Early Europe with emphasis upon the Medieval and Gothic periods. Emphasis is placed upon the study of the many forms of art and architecture from Medieval to Gothic periods including manuscripts, reliquaries, churches and cathedrals.

Offered As needed

ARH 323. Renaissance to Baroque Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An examination of the painting, sculpture, and architecture of the Early, Middle and Late Italian Renaissance as well as related developments in the North. The transitions from the Renaissance to Mannerism is studied as is the flourishing of Baroque arts in Italy, Spain, and throughout the Golden Age of Dutch painting. Rococo arts in France and Germany are also considered.

Offered As needed

ARH 331. Modern Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. History of visual arts in Europe and the United States from the middle of the 19th Century to World War II. Movements studied include Realism, Impressionism, Post-Impressionism, Early Abstraction, Expressionism, Cubism, Dada, Surrealism, and Abstract Expressionism.

Offered As needed

ARH 332. Modern Architecture. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An examination of key developments in the history of Modern Architecture beginning with the Beaux-Arts Style and progressing through Art Nouveau, The Chicago School, Early 20th Century Avant-Gardes, Art Deco, the International Style and Modern Architecture. Writings of important practitioners and theorists such as Louis B. Sullivan, Adolph Loos, Le Corbusier and others are also studied.

Offered As needed

ARH 333. Contemporary Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An examination of developments in the visual arts from 1980 to the present with emphasis upon the emergence of new media and forms. The course contextualizes art from the period within theoretical contexts of postmodernity.

Offered As needed

ARH 337. Art from Asia. (3 Units)

Prerequisites: ARH 110 and ARH 111. An examination of arts from selected regions of Asia including China, Japan, and Korea that includes study of traditional and contemporary forms.

Offered As needed

ARH 350. Art Of The United States. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. History of the visual arts in the United States from pre-colonization through the postwar period. Topics include the role of Native American and Spanish influences, European colonization, the Civil War, Gilded Age, World War I, Harlem Renaissance and World War II on the development of Art in the United States.

Offered Fall

ARH 352. Design History. (3 Units)

Prerequisite: ARH 111 is required. Introduces students to the history and theory of design from the Renaissance to the modern poster and contemporary digital developments. The relationship of design to social and political developments through history is emphasized.

Offered Fall

ARH 363. Art of Latin America. (3 Units)

Prerequisites: ARH 110 and ARH 111. A study of the history of Pre-Columbian arts of Mesoamerican from the Pre-formative through Post-Classic periods. Investigates architecture, monuments, sculpture, ceramics, and other arts from key archaeological sites. Concludes with examination of ancient Mayan art and culture.

Offered Fall odd

ARH 365. Art from Africa. (3 Units)

Prerequisite: ARH 110 and ARH 111. Study of ancient arts from Africa with emphasis upon selected regions including North Africa, Western Sudan, West Africa and the Western and Eastern Congo Basins.

Offered As needed

ARH 366. Writing in the Visual Arts. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. Designed to build skills in a range of writing found within the visual arts. Students analyze different forms of written communication within the visual arts and generate a body of writing that addresses different rhetorical situations and targeted audiences. Students generate, review in peer groups and revise samples of writing in the visual arts for presentation online.

Offered Fall

ARH 368. Women In Art. (3 Units)

Prerequisites: ARH 110 and ARH 111 are required. An analysis of women as artists from the medieval period to the present with special emphasis given to women artists of the twentieth and twenty-first centuries.

Offered Spring odd

ARH 370. Art and Social Protest. (3 Units)

Prerequisites: ARH 110 and ARH 111. History of the technological and stylistic developments in the architecture of the nineteenth and twentieth centuries.

Offered As needed

ARH 490. Seminar in Theories of Art Criticism. (3 Units)

Prerequisites: Senior standing as an Art History major or minor or consent of instructor and department chair. ARH 110 and ARH 111 are required. An examination of various approaches to art criticism and theory with particular emphasis on modern developments. Subjects studied include Iconography, Psychoanalysis, Queer Theory, Post-Colonialism, Feminist Theory and Deconstruction. Offered Spring odd

ARH 495. Selected/Variable Topics in Art History. (3 Units)

Detailed study of a period, area, figure or movement in the history of art. Repeatable course. Offered As needed

ARH 496. Internship. (1-3 Units)

Internship in Art History related field both on campus and externally. Restricted to juniors and seniors. Department consent required. Offered As needed

ARH 498. Undergraduate Directed Research. (1-3 Units)

Like and independent study, individual students will consult with Art History faculty to conduct an independent research project in Art History. Restricted to juniors and seniors. Department consent required. Offered As needed

Art History, Bachelor of Arts

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor is required. Art History majors are recommended to select a minor in another field of art.

Major Requirements (40 units)

The following courses, or their approved equivalents, are required for all candidates for this degree. It is recommended that transfer students come to CSUDH already having taken the equivalent of ARH 110 and ARH 111 and 3-units of a language other than English.

Lower Division Requirements (12 units)

Students must take two semesters of a language other than English (6 units)

| Code | Title | Hours |
|---|-----------------------------|-------|
| ARH 110 | Introduction To World Art 1 | 3 |
| ARH 111 | Introduction To World Art 2 | 3 |
| Students must take two semesters of a language other than English | | 6 |

Upper-Division Requirements (28 units)

Upper-Division Required Courses (19 units)

| Code | Title | Hours |
|--------------------|--------------------------------------|-------|
| ARH 322 | Medieval to Gothic Art | 3 |
| ARH 323 | Renaissance to Baroque Art | 3 |
| ARH 331 | Modern Art | 3 |
| ARH 333 | Contemporary Art | 3 |
| ARH 366 | Writing in the Visual Arts | 3 |
| ARH 490 | Seminar in Theories of Art Criticism | 3 |
| ARH 496 INTERNSHIP | | |

Upper-Divisions Electives (9 units)

A. Select two courses from Group A.

| Code | Title | Hours |
|---------|----------------------|-------|
| ARH 337 | Art from Asia | 3 |
| ARH 363 | Art of Latin America | 3 |
| ARH 365 | Art from Africa | 3 |
| ARH 368 | Women In Art | 3 |

B. Select one course from Group B.

| Code | Title | Hours |
|---------------------------|--------------------------|-------|
| ARH 332 | Modern Architecture | 3 |
| ARH 350 | Art Of The United States | 3 |
| ARH 352 | Design History | 3 |
| ARH 370 | Art and Social Protest | 3 |
| ARH 498 DIRECTED RESEARCH | | |

Art History Program Learning Outcomes

- Differentiate monuments, movements and principal artists of major art periods of the past and the present including western and non-western examples. (Disciplinary Proficiency)
- Apply methods for posing and addressing problems in Art History such as those related to subject matter, style and historical content. (Disciplinary Proficiency)
- Describe areas in the history of art outside the Western canon. (Disciplinary Proficiency)
- Produce oral and written research in formats that conform to professional standards in Art History. (Communication)
- Synthesize knowledge obtained in the classroom with analysis of diverse arts sites and issues in the Los Angeles area. (Engaged Citizenry)
- Evaluate and use peer reviewed research materials in the preparation of written and oral research in the discipline. (Information Literacy)
- Analyze works of art using appropriate art historical terminology. (Disciplinary Proficiency)
- Differentiate art forms as they relate to individual and social needs and values including such issues as culture, ethnicity and gender. (Critical Thinking)

Art History

4-Year Roadmap

| First Year | | Hours |
|----------------------------------|--|-------|
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area C or D | | 3 |

| | | |
|-------------------------------------|---|---|
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| ARH 110 | Introduction To World Art 1 | 3 |
| SPA 110 or FRE 110 or JPN 110 | Beginning Spanish I or Beginning French I or Beginning Japanese I | 3 |

Hours 15

Spring

| | | |
|-------------------------------------|--|---|
| ARH 111 | Introduction To World Art 2 | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| GE Area B | | 3 |
| GE Area B4 | | 3 |
| SPA 111 or FRE 111 or JPN 111 | Beginning Spanish II or Beginning French II or Beginning Japanese II | 3 |

Hours 15

Second Year

Fall

| | | |
|--|---------------------|---|
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 | | 1 |
| GE Area C or D | | 3 |
| ARH 332 | Modern Architecture | 3 |
| ARH 331 | Modern Art | 3 |

Hours 16

Spring

| | | |
|----------------|----------------------------|---|
| GE Area A3 | | 3 |
| GE Area C or D | | 3 |
| GE Area F | | 3 |
| ARH 333 | Contemporary Art | 3 |
| ARH 323 | Renaissance to Baroque Art | 3 |

Hours 15

Third Year

Fall

| | | |
|------------------|------------------------------------|---|
| GE Area B5 or D3 | | 3 |
| GE Area C or D | | 3 |
| ARH 332 | Modern Architecture | 3 |
| or ARH 350 | or Art Of The United States | |
| or ARH 352 | or Design History | |
| or ARH 370 | or Art and Social Protest | |
| or ARH 498 | or Undergraduate Directed Research | |
| ARH 337 | Art from Asia | 3 |
| or ARH 363 | or Art of Latin America | |
| or ARH 365 | or Art from Africa | |
| or ARH 368 | or Women In Art | |
| ARH 366 | Writing in the Visual Arts | 3 |

Hours 15

Spring

| | | |
|------------------|-------------------------|---|
| ARH 337 | Art from Asia | 3 |
| or ARH 363 | or Art of Latin America | |
| or ARH 365 | or Art from Africa | |
| or ARH 368 | or Women In Art | |
| ENG 350 | Advanced Composition | 3 |
| GE Area B5 or D3 | | 3 |
| GE Area E | | 3 |
| Elective Course | | 3 |

Hours 15

Fourth Year

Fall

| | | |
|-----------------|------------|-----|
| GE Area C3 | | 3 |
| ARH 496 | Internship | 1-3 |
| Elective Course | | 3 |
| Elective Course | | 3 |

| | | |
|-----------------|--|---|
| Elective Course | | 3 |
| Elective Course | | 2 |

Hours 15-17

Spring

| | | |
|-----------------|--------------------------------------|---|
| ARH 490 | Seminar in Theories of Art Criticism | 3 |
| Elective Course | | 3 |

Hours 15

Total Hours 121-123

2-Year (Transfer) Roadmap

First Year

Fall

Hours

| | | |
|-----------------|----------------------------|---|
| ARH 331 | Modern Art | 3 |
| ARH 332 | Modern Architecture | 3 |
| ARH 337 | Art from Asia | 3 |
| or ARH 363 | or Art of Latin America | |
| or ARH 365 | or Art from Africa | |
| or ARH 368 | or Women In Art | |
| Elective Course | | 3 |
| ARH 366 | Writing in the Visual Arts | 3 |

Hours 15

Spring

| | | |
|------------------|----------------------------|---|
| ARH 323 | Renaissance to Baroque Art | 3 |
| ARH 333 | Contemporary Art | 3 |
| ENG 350 | Advanced Composition | 3 |
| GE Area E | | 3 |
| GE Area B5 or D3 | | 3 |

Hours 15

Second Year

Fall

| | | |
|------------|------------------------------------|---|
| ARH 332 | Modern Architecture | 3 |
| or ARH 350 | or Art Of The United States | |
| or ARH 352 | or Design History | |
| or ARH 370 | or Art and Social Protest | |
| or ARH 498 | or Undergraduate Directed Research | |
| ARH 337 | Art from Asia | 3 |
| or ARH 363 | or Art of Latin America | |
| or ARH 365 | or Art from Africa | |
| or ARH 368 | or Women In Art | |

ARH 496 Internship 1-3

GE Area C3 3

Elective Course 3

Elective Course 3

Hours 16-18

Spring

| | | |
|------------------|--|---|
| ARH 490 | | 3 |
| GE Area B5 or D3 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |

Hours 15

Total Hours 61-63

Art History, Minor Requirements

The Minor in Art History offers students a background in the history of Western Art, and allows them a choice of three courses at the Upper Division level in areas that may be of particular interest to them in any

combination of traditional, contemporary, and non-Western Art. Students may take the Minor in Art History and also Major in the Art or Design B.A.'s.

To complete the Minor in Art History, the following courses must be taken:

| Code | Title | Hours |
|--|--------------------------------------|-----------|
| Lower Division Required Courses | | 6 |
| ARH 110 | Introduction To World Art 1 | |
| ARH 111 | Introduction To World Art 2 | |
| Upper Division Requirements | | 6 |
| Select two courses from the following: | | |
| ARH 322 | Medieval to Gothic Art | |
| ARH 323 | Renaissance to Baroque Art | |
| ARH 332 | Modern Architecture | |
| ARH 333 | Contemporary Art | |
| ARH 337 | Art from Asia | |
| ARH 350 | Art Of The United States | |
| ARH 352 | Design History | |
| ARH 363 | Art of Latin America | |
| ARH 365 | Art from Africa | |
| ARH 366 | Writing in the Visual Arts | |
| ARH 368 | Women In Art | |
| ARH 370 | Art and Social Protest | |
| ARH 490 | Seminar in Theories of Art Criticism | |
| Total Hours | | 12 |

Arts and Humanities

Note: this program is not accepting admissions at this time and is suspended until further notice.

College of Arts and Humanities

Program Description

Graduate

The Humanities Graduate Program provides post-baccalaureate students the opportunity to study the traditional humanities fields - philosophy, literature, history, music, and art - in the context of contemporary interdisciplinary topics, as well as in courses devoted to the methodology and current concerns of specific disciplines. Courses enable the critical evaluation of the visual and performing arts, as well as the ideas, cultures and individuals which have shaped our society. Program courses are designed around the theme of the city. Skills in advanced writing, research, and presentation are exercised in seminars and in a final research or creative project.

Designed for professionals such as teachers for whom the possession of a master's degree has practical as well as personal value, the program also serves the student who is continuing his/her college education for the enrichment of lifelong learning.

Academic Advisement

Graduate

Students should contact the Associate Dean in the College of Arts and Humanities for more information.

Preparation

Graduate

For students preparing to enter the Master of Arts in Arts and Humanities Program some prior experiences with courses or individual study in the areas of art, music, literature, history, and philosophy is required. Foreign language also provides valuable preparation for this program.

Undergraduate Programs

Minor

- Humanities, Minor (p. 381)

Graduate Programs

Master

- Arts and Humanities, Master of Arts (p. 380)

Faculty

Lorna Fitzsimmons

Program Office: LCH C-312, (310) 243-3636

Emeriti Faculty

Bryan Feuer

Arts and Humanities, Master of Arts

Admission Requirements

1. To be admitted into the program a student must possess a baccalaureate degree from an accredited college, as well as a grade point average of 3.0 or better in the last 60 semester units (90 quarter units) of upper division course work attempted (not including extension units).
2. A Supplemental Application, available from the Humanities Office, must be completed.
3. Although there are no specific course prerequisites for admission to the program, a student will be required to take undergraduate preparatory courses if the educational background in the humanities is insufficient.
4. A letter of recommendation will be required.

Progress Towards The Degree

After nine units of graduate humanities courses are taken (500 level) with a grade average of "B" or better, and the Diagnostic essay Exercise has been passed, the student is given classified standing. After all requirements for the degree except the thesis/final project have been met, the student is given the status of advancement to candidacy. The degree is awarded after all requirements have been met, a grade point average of 3.0 or better has been maintained, and the final project/thesis has been completed and approved by the thesis committee and the Graduate Studies Office.

Features

This program provides the opportunity to study humanities topics in depth at an advanced level. Each course meets one evening per week, and is conducted in a seminar setting with active student participation and discussion. Although the emphasis is upon combining the disciplines around topics, there is an opportunity to focus upon a single discipline seminar, electives, independent study, and the final project or thesis.

Requirements

Degree Requirements (30 units)

The Master of Arts in Arts and Humanities requires completion of 27 units of course work and one of the following:

1. Passing score for HUM 598 Comprehensive Examination. After completion of all course work or during the last semester of course work, the degree candidate may apply to take HUM 598 Comprehensive Examination. There is only one retake opportunity.
2. Completion of an approved thesis or creative project (HUM 599 Final Project). Student must have at least a 3.75 GPA and the approval of the program coordinator to enroll in HUM 599 Final Project.

Student must select one of the options listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|---|-------|
| Core Courses | | |
| HUM 500 | The Humanities in the City | 3 |
| HUM 512 | Texts and Language | 3 |
| HUM 528 | Images and Artifacts | 3 |
| HUM 582 | Performance & Criticism | 3 |
| Seminars and Performance | | |
| Select one of the following options: | | 12-15 |
| Arts and Humanities in the City Option: | | |
| HUM 520 | Seminar In Art | |
| HUM 522 | Seminar In Literature | |
| HUM 523 | Seminar In Music | |
| HUM 524 | Seminar In Philosophy | |
| HUM 540 | Sem His: Moments Crisis | |
| Music and Intellectual Inquiry Option: ¹ | | |
| HUM 523 | Seminar In Music | |
| Select one of the following: | | |
| MUS 580 & MUS 594 | Performance, Performance Practices and Repertoire and Independent Study | |
| MUS 594 | Independent Study | |
| Select 3-6 units from the following: | | |
| HUM 520 | Seminar In Art | |
| HUM 522 | Seminar In Literature | |
| HUM 524 | Seminar In Philosophy | |
| HUM 540 | Sem His: Moments Crisis | |
| Electives (optional) | | |
| Approved humanities-related courses chosen in consultation with an advisor | | 3 |
| Final Project or Comprehensive Examination | | |
| HUM 598 | Comprehensive Examination | 3 |

or HUM 599 Final Project

Total Hours **30-33**

¹ Prerequisite: Consent of Department of Music Chair.

Master's Requirement

In addition to the major requirements, student must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)."

Humanities, Minor

Requirements

| Code | Title | Hours |
|--|-----------------------|-----------|
| Required Courses | | |
| HUM 490 | Seminar In Humanities | 3 |
| Select nine units from the following using at least two different courses: | | 9 |
| HUM 310 | Key Concepts | |
| HUM 312 | Key Movements | |
| HUM 314 | Key Issues | |
| Total Hours | | 12 |

Note: If HUM 490 Seminar In Humanities is not offered, one of the following courses may be substituted with the permission of the Humanities Coordinator **and** the course instructor: one other HUM 310 Key Concepts/HUM 312 Key Movements/HUM 314 Key Issues, ART 490 , ENG 490 Seminar in Literature, HIS 490 Senior Seminar In History, MUS 495 Special Studies In Music, PHI 490 Seminar, THE 490 Seminar In Theatre Arts, or any HUM 500 The Humanities in the City level course (except HUM 598 Comprehensive Examination or HUM 599 Final Project).

Note: HUM 310 Key Concepts/HUM 312 Key Movements/HUM 314 Key Issues are repeatable with different topics. An additional three units selected from HUM 310 Key Concepts, HUM 312 Key Movements, or HUM 314 Key Issues must be completed to fulfill the upper division General Education requirement in Integrative

Studies in Humanities.

Asian-Pacific Studies

College of Arts and Humanities

Program Description

Undergraduate

The Asian-Pacific Studies Department offers an interdisciplinary major and minor in the study of Asian, Asian American, and Pacific Islander cultures, emphasizing a transnational perspective. Two concentrations are offered in the major:

1. The Asian-Pacific Studies Concentration focuses on Asian-Pacific peoples, societies, and nations from the perspective of their historical, cultural and political experiences from antiquity to the present. It covers ancient civilizations, history, culture, philosophy, religion, politics, economics, and gender and family relations. It also explores the interconnections of Asian Pacific societies with the rest

of the world. Though not required, Study Abroad and Asian language classes are highly recommended.

2. The Asian American and Pacific Islander Studies Concentration focuses on Asian American and Pacific Islander American history, community formation, education, gender and family relations, culture and social and political development including intra-Asian dynamics and relationships with other ethnic communities and the larger society. An internship course with a community organization is an important component of this concentration.

The major and minor in Asian-Pacific Studies are designed for students seeking to either complement their studies of other civilizations and cultures, or to pursue graduate study, foreign service, international business, teaching careers, or work in health science fields and community services.

Features

The University is located in a unique area at the nexus of the international ports of Los Angeles and Long Beach. Numerous corporations in Los Angeles and Orange counties represent the increasing importance of America's relations with the Asian-Pacific region.

Academic Advisement

Department Chair will help students plan their course of study to fulfill requirements for an Asian-Pacific Studies major or minor.

Students should see the department chair upon first entering CSU Dominguez Hills, at the beginning of their junior year and at the beginning of their senior year.

Preparation

Asian-Pacific Studies is open to all students who are admitted to the University.

Opportunities to Study Abroad

The California State University International Programs make available to students, who would like to have firsthand knowledge of Asia, an opportunity to study at Waseda University (Japan), University of Tsukuba (Japan), Yonsei University (Korea), and Peking University (China).

Languages

There are no language requirements for the Asian-Pacific Studies degree program; however, students are encouraged to study an Asian language.

Graduation with Honors

An undergraduate student may graduate with Honors in Asian-Pacific Studies provided that the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the requirements in the major;
3. Eight upper division courses taken in the Asian-Pacific Studies Program

Student Organizations

The student group, the Asian and Pacific Islander Association (APIA), is directly affiliated with the Asian-Pacific Studies Department. The department also supports other Asian and Pacific Islander student

groups including Pagsikapan (Pilipino-American Student Community), Vietnamese Student Association, Oceania, and the Korean Culture Club.

Career Opportunities

In a world that is increasingly dependent upon global cooperation and trade, career opportunities for those with a background in Asian-Pacific Studies are numerous and varied.

- Advertising or marketing
- Community service
- Domestic or international business
- Education
- Foreign Service
- Film, television or multimedia
- Government work
- Health science
- International law
- Journalism
- Ministry
- Non-profit organization
- Social Work

Undergraduate Programs

Bachelor

- Asian-Pacific Studies, Bachelor of Arts (p. 384)

Minor

- Asian-Pacific Studies, Minor (p. 387)

Faculty

Dr. Mary T. Lacañale, Associate Professor and Chair

Dr. Jung-Sun Park, Professor

Dr. Jessica Marinaccio, Assistant Professor

Dr. Y Thien Nguyen, Assistant Professor

Program Office: LCH C-310

Phone: (310) 243-3327

Courses

APP 101. Introduction To Asian Studies. (3 Units)

Basic themes and key issues in Asia and the Pacific region. Multi-disciplinary survey of art, literature, philosophy, religion, politics, and society. Background to understanding tradition and change in the region, and introduction to the multicultural roots of Asian-Pacific Americans. Offered Fall, Spring

APP 195. Special Topics in Asian Pacific Studies. (3 Units)

Offered As needed

APP 201. Introduction to Asian American Studies. (3 Units)

Examines basic themes and key issues in the Study of Asian Americans. Interdisciplinary survey of immigration history, community formation, and development of ethnic identities through the arts, literature, music, multimedia and internet, cultural festivals, scholarship. and student and community organizations.

Offered Fall, Spring, Summer

APP 212. Introduction to Comparative Ethnic and Global Societies. (3 Units)

Explores the lived experiences of the three Ethnic/Global communities in the United States and their place of origin. Examines the socio-cultural dynamics in Africana, Asian-Pacific and Chicano/Latino communities.

Offered Fall, Spring

APP 225. Pacific Islander Culture in Oceania and the U.S.. (3 Units)

Examines the cultural, historical and contemporary experiences of various peoples of Hawai'i and the Pacific including the struggle over land, traditions, and sovereignty, state and national political restructurings, and global flows of knowledge, capital, and bodies.

Offered Fall, Spring

APP 295. Spec Topic Asian-Pacific Studies. (3 Units)

A study of selected topics or issues in Asian-Pacific Studies. Repeatable for a maximum of six units for credit.

Offered As needed

APP 311. Contemporary Issues in Asian American Communities. (3 Units)

Examination of the history and contemporary realities of Asian America. Analyzes the differences and commonalities in the experiences of various Asian American populations, focusing on the interplay of race, ethnicity, class, gender and culture in shaping their lives.

Offered Fall, Spring, Summer

APP 314. Asian Americans and the Media. (3 Units)

An investigation of the roles that artist-activists from the diverse areas of the world have played in 20th and 21st century social justice struggles. Students become familiar with the works of key resistance artists, including but not limited to the Mexican Muralists, members of the California Labor School, 1960's activists, and feminists. The course exposes students to specific propaganda art repositories, such as the Oakland Museum of California, where one of the world's largest and culturally diverse collections of social justice art is housed. The course examines museums in their evolution as sites of contestation for exhibitors and visitors who challenge their previously unquestioned scripts

Offered Fall, Spring

APP 315. Asian Pop Culture and Globalization. (3 Units)

Explores the growing transnational flows of Asian popular culture in historical and socioeconomic contexts. Analyzes the ramifications of the popularity of Asian pop culture for the changing contemporary global cultural landscape and power relations.

Offered Fall, Spring, Summer

APP 318. Vietnamese, Cambodian, and Lao Americans: Culture, History, and Identity. (3 Units)

Vietnamese, Cambodian, and Lao American culture, history, and identity examines the challenges of these immigrant groups focusing on the context of refugee experiences, intergenerational conflict, education, and preservation and transformation of culture in American society. GE F3.Â

Offered Fall, Spring

APP 319. Filipino American Experience. (3 Units)

Explores the lived experiences of Filipino Americans through the lens of Philippine history and culture, U.S. colonization, immigration, and community formation. Examines key issues, debates, and theories about diversity, ethnic identity and assimilation, education, families, and gender/sexuality.

Offered Spring odd

APP 325. Asian Pacific Art, Music and Literature. (3 Units)

Examination of diverse Asian Pacific cultures and history through art, music, and written and oral literatures. Analyzes the contributions of past and present artists, musicians/composers, and writers to the establishment and challenging of cultural identities in a globalized and mass-mediated world.

Offered Fall, Spring, Summer

APP 327. Values and Communication of Asian Pacific Cultures. (3 Units)

Prerequisites: Completion of all lower division General Education requirements. Junior Examination of basic values and societal outlooks unique to various Asian Pacific groups. Comparative analysis of verbal and nonverbal communication models for better cross-cultural understanding.

Offered Fall, Spring, Summer

APP 331. Japanese Comics/Animation. (3 Units)

Focusing on Japanese comics and animation, this course examines the contemporary transnational flows of culture and their implications. It also explores how the existing power relations between the East/West, center/periphery, and men/women are reflected and challenged in the production and dissemination of Japanese comics and animation.

Offered As needed

APP 333. E Asian Cul/Soc in Cinema. (3 Units)

Through critical analyses of films, this course will explore various aspects of East Asian societies including history, cultural traditions, socioeconomic transformations, politics, identity, gender and generational relations. It will also examine the issue of ethnic/racial/national/gender representation in East Asian cinema and its implications.

Offered As needed

APP 335. Asian Pacific Culinary Culture. (3 Units)

Analysis of Asian Pacific culture traditions and their transformation and globalization. Examines how Asian Pacific food culture intersects with local ecology, gender, cultural traditions, identity politics, (im)migration, colonialism, modernization, and globalization.

Offered Fall, Spring

APP 339. Asian Diaspora and Transnational Asian Religions. (3 Units)

Analysis of Asian diaspora populations' practice of Asian religions outside of Asia, especially in the U.S. Examines how Asian religions are transformed in different historical, social and cultural contexts and how the transformation in also intertwined with identity and community-building.

Offered Fall, Spring

APP 343. Asian Pacific Film & Literature. (3 Units)

Critical analysis on how a written source can be transformed from literature into film. Several Asian Films and Asian novels or short stories will be examined.

Offered Fall, Spring

APP 350. Asian-Pacific Gender and Family. (3 Units)

Critical analysis of Asian gender and family structure and their dynamic processes. Examines issues of dating, marriage, reproduction, parenting and child socialization, domestic labor, the negotiation of paid work and family care, sexual desires and practices.

Offered Fall, Spring

APP 395. Special Topics in Asian Pacific Studies. (3 Units)

Prerequisite: Consent of program coordinator. An intensive study of an issue, concept or theme in Asian-Pacific Studies. Repeatable for a maximum of nine units for credit.

Offered As needed

APP 490. Sem: Asian-Pacific Issues. (3 Units)

Prerequisites: APP 301 and APP 321. Capstone experience in Asian-Pacific concentration. In-depth study and project development of historical or current issues confronting Asian-Pacific populations. Three hours of seminar per week.

Offered Infrequent

APP 494. Indepen Study:Asian-Pacific. (1-3 Units)

Independent study of a particular topic in Asian/Pacific Studies, relating two or more disciplines, such as anthropology, art, education, history, languages, music, philosophy, politics, or sociology under the direction of an Asian/Pacific Studies Program faculty member. Repeatable course.

Offered Fall, Spring

APP 495. Selected Topics:. (3 Units)

An intensive study of selected topics or issues in Asian-Pacific studies.

Offered Infrequent

APP 496. Internship in Asian Pacific Studies. (1-3 Units)

Prerequisites: Lower division courses in Asian Pacific Studies Involves supervised work experience in community-based business, non-profit organization, or government agency serving Asian Pacific Americans with specific emphasis upon business and public administration, public policy, program planning, and economic development projects in a local, national, and/or international setting. Supervision emphasizes training and application of administration, analytical, socio-political and cultural knowledge, and technical skills. Students will be placed in setting suitable to their academic specialization. One hour of tutorial per week is required with instructor. Student must complete all of the lower division courses in Asian Pacific Studies before they can enroll in an internship.

Offered Fall, Spring

Asian-Pacific Studies, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required.

Major Requirements (39 units)

The following courses or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|--|-------|
| Lower Division Requirements | | |
| APP 101 | Introduction To Asian Studies | 3 |
| Select one course from the following: | | |
| APP 201 | Introduction to Asian American Studies | 3 |
| APP 212 | Introduction to Comparative Ethnic and Global Societies | 3 |
| APP 225 | Pacific Islander Culture in Oceania and the U.S. | |
| APP 295 | Spec Topic Asian-Pacific Studies | |
| JPN 110 | Beginning Japanese I | |
| JPN 111 | Beginning Japanese II | |
| JPN 230 | Japanese Conversation | |
| Any course in any other Asian Pacific language, subject to approval by program coordinator | | |
| Upper Division Required Courses | | |
| APP 311 | Contemporary Issues in Asian American Communities | 3 |
| APP 315 | Asian Pop Culture and Globalization | 3 |
| APP 325 | Asian Pacific Art, Music and Literature | 3 |
| APP 327 | Values and Communication of Asian Pacific Cultures | 3 |
| Concentration Electives | | |
| Choose four courses from one of the following concentrations: ¹ | | 12 |
| Asian-Pacific Studies Concentration: | | |
| APP 331 | Japanese Comics/Animation | |
| APP 333 | E Asian Cul/Soc in Cinema | |
| APP 335 | Asian Pacific Culinary Culture | |
| APP 339 | Asian Diaspora and Transnational Asian Religions | |
| APP 343 | Asian Pacific Film & Literature | |
| APP 350 | Asian-Pacific Gender and Family | |
| APP 395 | Special Topics in Asian Pacific Studies | |
| APP 494 | Indepen Study:Asian-Pacific | |
| APP 495 | Selected Topics: | |
| Asian American and Pacific Islander Studies Concentration: | | |
| APP 314 | Asian Americans and the Media | |
| APP 318 | Vietnamese, Cambodian, and Lao Americans: Culture, History, and Identity | |
| APP 335 | Asian Pacific Culinary Culture | |
| APP 339 | Asian Diaspora and Transnational Asian Religions | |
| APP 350 | Asian-Pacific Gender and Family | |
| APP 395 | Special Topics in Asian Pacific Studies | |
| APP 494 | Indepen Study:Asian-Pacific | |
| APP 495 | Selected Topics: | |
| APP 496 | Internship in Asian Pacific Studies | |

Electives

Select any two additional upper-division courses in APP or one upper-division APP course plus one of the courses below with the approval from the coordinator **6**

| | | |
|---------|--------------------------------------|--|
| ANT 338 | Mainland Southeast Asia | |
| HIS 362 | Traditional China | |
| HIS 363 | Modern China | |
| HIS 365 | Modern Japan | |
| POL 333 | International Relations of East Asia | |
| POL 341 | Gov and Politics of East Asia | |

Capstone Requirement

| | | |
|---------|---------------------------|----------|
| APP 490 | Sem: Asian-Pacific Issues | 3 |
|---------|---------------------------|----------|

Total Hours 39

¹ Note: APP 395 Special Topics in Asian Pacific Studies may be repeated twice with different course topics. In order to fulfill upper-division concentration requirements, APP 494 Indepen Study:Asian-Pacific should be taken for 3 units.

Program Learning Outcomes

- Identify the geographies and cultural areas of the Asian Pacific region.
- Explain cultural traditions, histories and sociopolitical issues of the Asian Pacific region.
- Compare the histories and sociocultural traditions of at least two different Asian Pacific countries.
- Describe the immigration histories and contemporary issues of Asian Americans.
- Outline the processes of globalization and how it affects the lives of Asian Pacific populations including Asian Americans.
- Demonstrate analytical, critical thinking and communication skills in written and oral presentations.
- Exhibit computer and information literacy including the skills to use scholarly resources for research and to utilize appropriate computer programs for written and oral presentations.

Asian-Pacific Studies Concentration

4-Year Roadmap

| Course | Title | Hours |
|---|-------------------------------|-----------|
| First Year | | |
| Fall | | |
| APP 101 | Introduction To Asian Studies | 3 |
| GE Area A1 | | 3 |
| GE Area E | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| APP Lower Division Elective | | 3 |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| APP Common Core Upper Division Elective I | | 3 |

| | | |
|------------------|-----------------------|-----------|
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| Elective Course | | 2 |
| POL 101 | American Institutions | 3 |
| Hours | | 15 |

| | | |
|--|--|-----------|
| Spring | | |
| APP Common Core Upper Division Elective II | | 3 |
| AP Concentration Elective I | | 3 |
| GE Area A3 | | 3 |
| GE Area F | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| | | |
|---|--|-----------|
| Third Year | | |
| Fall | | |
| APP Common Core Upper Division Elective III | | 3 |
| AP Concentration Elective II | | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| GWAR Requirement | | 3 |
| Hours | | 15 |

| | | |
|--|--|-----------|
| Spring | | |
| APP Common Core Upper Division Elective IV | | 3 |
| AP Concentration Elective III | | 3 |
| APP Elective I | | 3 |
| GE Area C3 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

| | | |
|------------------------------|--|-----------|
| Fourth Year | | |
| Fall | | |
| AP Concentration Elective IV | | 3 |
| APP Elective II | | 3 |
| GE Area D3 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

| | | |
|--------------------|---------------------------|------------|
| Spring | | |
| APP 490 | Sem: Asian-Pacific Issues | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap

| Course | Title | Hours |
|---|-------------------------------|-----------|
| First Year | | |
| Fall | | |
| APP 101 | Introduction To Asian Studies | 3 |
| GE Area C3 | | 3 |
| APP Common Core Upper Division Elective I | | 3 |
| APP Common Core Upper Division Elective II | | 3 |
| GWAR Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| APP Lower Division Elective | | 3 |
| APP Common Core Upper Division Elective III | | 3 |
| AP Concentration Elective I | | 3 |
| AP Concentration Elective II | | 3 |

| | | |
|--|---------------------------|-----------|
| GE Area B5 or D3 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| APP Common Core Upper Division Elective IV | | 3 |
| GE Area B5 or D3 | | 3 |
| AP Concentration Elective III | | 3 |
| APP Elective I | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| APP 490 | Sem: Asian-Pacific Issues | 3 |
| AP Concentration Elective IV | | 3 |
| APP Elective II | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Asian American and Pacific Islander Studies Concentration

4-Year Concentration

| Course | Title | Hours |
|---|-------------------------------|-----------|
| First Year | | |
| Fall | | |
| APP 101 | Introduction To Asian Studies | 3 |
| GE Area A1 | | 3 |
| GE Area E | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| APP Lower Division Elective | | 3 |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| GE Area F | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| APP Common Core Upper Division Elective I | | 3 |
| GE Area A3 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| Elective Course | | 2 |
| POL 101 | American Institutions | 3 |
| Hours | | 15 |
| Spring | | |
| APP Common Core Upper Division Elective II | | 3 |
| AAPI Concentration Elective I | | 3 |
| GE Area C2 | | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| APP Common Core Upper Division Elective III | | 3 |
| AAPI Concentration Elective II | | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |

| | | |
|--|---------------------------|------------|
| GWAR Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| APP Common Core Upper Division Elective IV | | 3 |
| AAPI Concentration Elective III | | 3 |
| GE Area C3 | | 3 |
| Elective Course | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| AAPI Concentration Elective IV | | 3 |
| APP Elective II | | 3 |
| GE Area D3 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| APP 490 | Sem: Asian-Pacific Issues | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Concentration

| Course | Title | Hours |
|---|-------------------------------|-----------|
| First Year | | |
| Fall | | |
| APP 101 | Introduction To Asian Studies | 3 |
| GE Area C3 | | 3 |
| APP Common Core Upper Division Elective I | | 3 |
| APP Common Core Upper Divisions Elective II | | 3 |
| GWAR Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| APP Lower Division Elective | | 3 |
| APP Common Core Upper Division Elective III | | 3 |
| AAPI Common Core Upper Division Elective I | | 3 |
| AAPI Concentration Elective II | | 3 |
| GE Area B5 or D3 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| APP Common Core Upper Division Elective IV | | 3 |
| GE Area B5 or D3 | | 3 |
| AAPI Concentration Elective III | | 3 |
| APP Elective I | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| APP 490 | Sem: Asian-Pacific Issues | 3 |
| AAPI Concentration Elective IV | | 3 |
| APP Elective II | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Asian-Pacific Studies, Minor Requirements

| Code | Title | Hours |
|---|---|-----------|
| Lower Division Required Courses | | |
| APP 101 | Introduction To Asian Studies | 3 |
| Select one course from the following: | | 3 |
| APP 201 | Introduction to Asian American Studies | |
| APP 212 | Introduction to Comparative Ethnic and Global Societies | |
| APP 225 | Pacific Islander Culture in Oceania and the U.S. | |
| JPN 110 | Beginning Japanese I | |
| JPN 111 | Beginning Japanese II | |
| JPN 230 | Japanese Conversation | |
| Upper Division Required Courses | | |
| Select three upper division APP courses in consultation with an advisor | | 9 |
| Total Hours | | 15 |

Audio Engineering

College of Arts and Humanities
Department of Digital Media Arts

Program Description

The B.A. in Audio Engineering at CSUDH is a hands-on, professionally-oriented program geared for students who want marketable job skills for careers in studio recording, live sound reinforcement, and sound design for television, film, and live theatre. Students track, mix, and master their own audio projects for television documentaries, public service announcements (PSA's), instructional films, and a variety of client-based projects for nonprofit organizations, community groups, and corporate partners.

The mission of the Audio Engineering degree is to

1. provide an academic program that gives students a solid base in the theory and technology skills required for professional careers in studio recording, live sound reinforcement, and sound design;
2. provide hands-on experience in the basic software and hardware tools utilized in studio recording, live sound reinforcement, and sound design;
3. provide the opportunity for students to work in teams, applying their producing, directing, writing, editing, and engineering skills to produce a variety of professional-quality studio recording, live sound reinforcement, and sound design; and
4. develop interpersonal skills and professional demeanor that will enable students to work effectively and cooperatively as team players on collaborative projects in the industry.

The Audio Engineering curriculum emphasizes collaborative teamwork among the students in the Digital Media Arts Department's degree programs. For example, Film & Television students will write, produce, film, and edit a television documentary or short movie that our Audio Engineering students then take over to perform the sound design elements of ADR, foley, and sound effects editing, while our Music Technology students compose, arrange, and record original music scores for the film's soundtrack. Conversely, our Audio and Music Technology

students record and produce a band's song while the Film & Television students film and edit the music video of the song as well as the bonus material such as interviews with the band and behind-the-scenes "making of" footage for the interactive DVD, Blu-ray, or website.

The Audio Engineering degree is geared for students who want to have careers working as professionals in the media industry. These career goals include producer, sound engineer, sound designer, re-record mixer, sound effects editor, and audio/video post production. With Hollywood just 20 minutes from campus, our students have the opportunity to work for and serve internships at a variety of commercial recording studios, live sound reinforcement companies, TV stations, motion picture studios, audio and video post production houses, and cable networks. There are also internship and employment opportunities for our students in noncommercial media venues such as educational media at schools and colleges and in-house media production at major corporations and community organizations.

Features

Recording Studios equipped with Pro Tools 10 HD with HDX 24 In/ Outs; SSL AWS-900+SE, 32x24x2 Console, 32x24x2 Sound Workshop Console, Furman HDS-6 and HR-6 headphone distribution system, Blue Sky monitors, various plug-ins by Sony, Oxford, Line 6, Digidesign, Native Instruments, Focusrite, Massenber Design Works, M-Audio, and McDSP, and a variety of professional microphones such as Neumann U-87, TLM-170, KM-83/84, AKG C414, Audix DP-5 drum pack, Groove Tube MD-1, and Sennheiser MD421 for recording, mixing, and mastering in stereo and 5.1 surround. Avantone Reference Monitors are also available for composite soundtrack mixing of dialogue, foley, sound effects, and music score for television and film projects.

Design Labs equipped with Mac Pro computer stations allow students to design disc cover packaging, motion graphics, television titles, websites, and green screen effects using Photoshop, Illustrator, After Effects, and Dreamweaver.

Graduation with Honors

Undergraduate students may be candidates for graduation with honors in Digital Media Arts if they meet the following criteria:

1. A minimum of 45 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of 3.7 in all courses used to satisfy the requirements for the Digital Media Arts major.
3. A cumulative grade point average of 3.7 in all courses taken at CSU Dominguez Hills.

Academic Advisement

Audio Engineering courses are offered in a specific sequence that requires prerequisite and co-requisite courses. Therefore, it is crucial that students contact the department advisor, Dr. George Vinovich at gvinovich@csudh.edu before enrolling in or planning a course schedule. Consulting with the appropriate advisor ensures that students complete their program in the most expedient and efficient manner possible. In this way, students do not waste time and energy by completing unnecessary courses and units. Department advisors also serve as career counselors and concerned mentors to help bridge the gap between the world of the university and the world of the working professional

Preparation

Students interested in pursuing professional careers in the highly-competitive audio engineering industry should be aware that those who

succeed in establishing a career in the industry are characteristically hard-working, disciplined, focused on a career, and most of all, resilient to persevere in the face of continuous rejection. Strong computer skills are a definite advantage in this field. Additionally, students familiar with computer software such as Pro Tools, Logic, Reason, and the Adobe Creative Suite will find these skills essential in the rapidly changing world of media production and delivery.

Recommended Lower Division Electives

There are no specific lower division courses recommended for this major; however, any experience with software programs such as Pro Tools, Logic, Reason, Photoshop, Illustrator, and Audition would be helpful.

Student Organizations

Audio Engineering students can enhance their academic studies and involvement in the industry by joining the DMA Success Club on campus or by becoming student members of professional organizations such as the Audio Engineering Society (AES) or the Society of Motion Picture and Television Engineers (SMPTE). Student membership in these professional associations allows students to network with industry executives and working professionals regarding internships and job opportunities in the field. The proximity of the campus to the center of the media and entertainment industry of Hollywood, Burbank, and Los Angeles allows students to attend major trade show conferences such as ShowBiz Expo, Post L.A., DV Expo, SMPTE, and NAB.

Career Possibilities

Graduates in Audio Engineering will find career opportunities in a wide range of entertainment, informational, and educational venues. The broad focus of the curriculum prepares students for roles as producer, sound engineer, sound designer, re-record mixer, sound effects editor, and audio/video post production. With its emphasis on hands-on training and production project experience graduates of the program are qualified for a variety of career opportunities at commercial recording studios, live sound reinforcement for concerts and theater, TV stations, motion picture studios, audio/video post-production houses, and cable networks. There are also employment opportunities for our students in noncommercial media venues such as educational media at schools and colleges and in-house media production at major corporations and community organizations.

Undergraduate Programs

Bachelor

- Audio Engineering, Bachelor of Arts (p. 388)

Faculty

George Vinovich, Department Chair
Professors: Mark Waldrep

Division Office: LCH E-303, (310) 243-3543

Audio Engineering, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (51 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|--|--------------|
| Upper Division Required Courses | | |
| DMA 310 | Tools and Techniques in Digital Media Production | 3 |
| DMA 330 | Audio Recording | 3 |
| DMA 331 | Audio Recording Lab | 1 |
| DMA 335 | Music Synthesis | 3 |
| DMA 336 | Music Synthesis Lab | 1 |
| DMA 346 | Digital Media Prod Workshop ¹ | 1 |
| DMA 400 | Strategies for Digital Media Delivery | 3 |
| DMA 430 | Advanced Audio Recording | 3 |
| DMA 431 | Advanced Audio Recording Lab | 1 |
| DMA 432 | Recording Studio Maintenance | 2 |
| DMA 433 | Recording Studio Maintenance Lab | 1 |
| DMA 435 | Advanced Music Synthesis | 3 |
| DMA 436 | Advanced Music Synthesis Lab | 1 |
| DMA 438 | Music Production | 3 |
| DMA 439 | Music Production Lab | 1 |
| DMA 447 | Audio Projects Lab | 1 |
| DMA 452 | Audio Production | 3 |
| DMA 456 | Mixing and Mastering | 3 |
| DMA 460 | Digital Audio Workstation Concepts | 3 |
| DMA 496 | Internship in the Media | 1-3 |
| Writing Requirement | | |
| DMA 300 | Digital Technology, Culture and the Arts | 3 |
| Capstone Experience | | |
| DMA 490 | Senior Seminar | 3 |
| DMA 499 | Senior Proj Digital Media | 2 |
| Total Hours | | 49-51 |

¹ Note: Students are required to take three semesters of DMA 346 Digital Media Prod Workshop.

Program Learning Outcomes

Students who successfully complete a B.A. in Audio Engineering will be able to:

- Demonstrate application of the basic software and hardware tools used in digital media projection.
- Produce a product that reflects professional level production value and standards relative to student producer time and budget constraints.
- Demonstrate ability to create and produce a capstone digital media product that meets the objective of its target audience.
- Demonstrate ability to work effectively and cooperatively with others as a co-producer on team projects.
- Perform in a manner that is consistent with the professional image and demeanor of the digital media industries.

Audio Engineering

2-Year Roadmap

4-Year Roadmap

First Year

| Fall | Hours |
|----------------|-----------|
| GE Area A1 | 3 |
| GE Area C or D | 3 |
| GE Area C or D | 3 |
| GE Area C or D | 3 |
| GE Area E | 3 |
| Hours | 15 |

| Spring | Hours |
|------------------|-----------|
| GE Area A2 | 3 |
| GE Area B1 or B2 | 3 |
| GE Area B4 | 3 |
| GE Area C or D | 3 |
| GE Area C or D | 3 |
| Hours | 15 |

Second Year

| Fall | Hours |
|------------------|-----------|
| GE Area A3 | 3 |
| GE Area B1 or B2 | 3 |
| GE Area B3 | 1 |
| GE Area C or D | 3 |
| Elective Course | 3 |
| Hours | 13 |

| Spring | Hours |
|----------------------------------|-----------|
| HIS 101 History Of United States | 3 |
| GE Area A3 | 3 |
| GE Area F | 3 |
| POL 101 American Institutions | 3 |
| Hours | 12 |

Third Year

| Fall | Hours |
|--|-------|
| DMA 300 Digital Technology, Culture and the Arts | 3 |
| DMA 310 Tools and Techniques in Digital Media Production | 3 |
| DMA 330 Audio Recording | 3 |
| DMA 331 Audio Recording Lab | 1 |
| DMA 335 Music Synthesis | 3 |
| DMA 336 Music Synthesis Lab | 1 |

| | |
|---|-----------|
| GWAR Requirement | 3 |
| Hours | 17 |
| Spring | |
| DMA 346 Digital Media Prod Workshop | 1 |
| DMA 400 Strategies for Digital Media Delivery | 3 |
| DMA 430 Advanced Audio Recording | 3 |
| DMA 431 Advanced Audio Recording Lab | 1 |
| DMA 435 Advanced Music Synthesis | 3 |
| DMA 436 Advanced Music Synthesis Lab | 1 |
| GE Area C3 | 3 |
| Hours | 15 |

Fourth Year

| Fall | Hours |
|--|-----------|
| DMA 346 Digital Media Prod Workshop | 1 |
| DMA 438 Music Production | 3 |
| DMA 439 Music Production Lab | 1 |
| DMA 452 Audio Production | 3 |
| DMA 447 Audio Projects Lab | 1 |
| GE Area D3 | 3 |
| DMA 460 Digital Audio Workstation Concepts | 3 |
| Hours | 15 |

| Spring | Hours |
|--|------------|
| DMA 346 Digital Media Prod Workshop | 1 |
| DMA 432 Recording Studio Maintenance | 2 |
| DMA 433 Recording Studio Maintenance Lab | 1 |
| DMA 456 Mixing and Mastering | 3 |
| DMA 490 Senior Seminar | 3 |
| DMA 496 Internship in the Media | 3 |
| DMA 499 Senior Proj Digital Media | 2 |
| GE Area B5 | 3 |
| Hours | 18 |
| Total Hours | 120 |

2-YEAR ROADMAP

First Year

| Fall | Hours |
|--|-----------|
| DMA 300 Digital Technology, Culture and the Arts | 3 |
| DMA 310 Tools and Techniques in Digital Media Production | 3 |
| DMA 330 Audio Recording | 3 |
| DMA 331 Audio Recording Lab | 1 |
| DMA 335 Music Synthesis | 3 |
| DMA 336 Music Synthesis Lab | 1 |
| GWAR Requirement | 3 |
| Hours | 17 |

| Spring | Hours |
|---|-----------|
| DMA 346 Digital Media Prod Workshop | 1 |
| DMA 400 Strategies for Digital Media Delivery | 3 |
| DMA 430 Advanced Audio Recording | 3 |
| DMA 431 Advanced Audio Recording Lab | 1 |
| DMA 435 Advanced Music Synthesis | 3 |
| DMA 436 Advanced Music Synthesis Lab | 1 |
| GE Area C3 | 3 |
| Hours | 15 |

Second Year

| Fall | Hours |
|--|-------|
| DMA 436 Advanced Music Synthesis Lab | 1 |
| DMA 438 Music Production | 3 |
| DMA 439 Music Production Lab | 1 |
| DMA 447 Audio Projects Lab | 1 |
| DMA 452 Audio Production | 3 |
| DMA 460 Digital Audio Workstation Concepts | 3 |

| | | |
|---------------|----------------------------------|--------------|
| GE Area D3 | | 3 |
| | Hours | 15 |
| Spring | | |
| DMA 346 | Digital Media Prod Workshop | 1 |
| DMA 432 | Recording Studio Maintenance | 2 |
| DMA 433 | Recording Studio Maintenance Lab | 1 |
| DMA 456 | Mixing and Mastering | 3 |
| DMA 490 | Senior Seminar | 3 |
| DMA 496 | Internship in the Media | 1-3 |
| DMA 499 | Senior Proj Digital Media | 2 |
| GE Area B5 | | 3 |
| | Hours | 16-18 |
| | Total Hours | 63-65 |

Behavioral Science

College of Natural and Behavioral Sciences

Program Description

The undergraduate program in Behavioral Science is designed to provide the student with a broad systematic understanding of human behavior, and of the biological, psychological, cultural, political and social factors that influence such behavior. The program stresses the mastery of key behavioral science concepts; exposure to significant behavioral science theories drawn from psychology, sociology, anthropology and political science; the development and utilization of rigorous investigation, observation and research skills common to the behavioral sciences; and the ability to integrate knowledge across the behavioral sciences. The program provides practical knowledge and skills with enduring career applicability.

Features

The undergraduate program in Behavioral Science is designed to provide the student with a broad systematic understanding of human behavior, and of the biological, psychological, cultural, political and social factors that influence such behavior. The program stresses the mastery of key behavioral science concepts; exposure to significant behavioral science theories drawn from psychology, sociology, anthropology and political science; the development and utilization of rigorous investigation, observation and research skills common to the behavioral sciences; and the ability to integrate knowledge across the behavioral sciences. The program provides practical knowledge and skills with enduring career applicability.

Academic Advisement

Students are encouraged to contact Dr. Hyo Joon Chang, the Behavioral Science Program Coordinator at (310) 243-3481 for information and for advising. The Behavioral Science Program Coordinator would be pleased to discuss the program with interested students.

Preparation

Completion of the General Education lower division requirements is recommended. Introductory-level courses in one or more of the disciplines contributing to behavioral sciences would be helpful.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Behavioral Science by meeting the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Career Possibilities

Completion of the strong and diversified Behavioral Science Program will enhance the student's chances for employment in the various helping professions, government and industry. Positions in communication, recreation, gerontology and health sciences would be likely options for behavioral science students. Moreover, the application of behavioral science knowledge and training would be beneficial in the solution of critical social and business problems.

Undergraduate Programs

Bachelor

- Behavioral Science, Bachelor of Arts (p. 390)

Minor

- Behavioral Science, Minor (p. 392)

Faculty

Dr. Hyo Joon Chang, Behavioral Science Program Coordinator
 Dr. Heather Butler (Psychology), Dr. Carl Sneed (Sociology), Dr. Sarah Taylor (Anthropology), Dr. Hyo Joon Chang (Political Science)

Program Office: SBS G-322, (310) 243-2123

Courses

BEH 300. Res Methods Behavioral Science. (3 Units)

Prerequisites: MAT 131 or PSY 230 or SOC 220 and junior standing.

The course covers five areas: preparing and writing an academic paper, preparing and writing a literature review, developing a research proposal, general research methodology and delivering a research presentation. Offered Fall, Spring

BEH 490. Seminar In Beh Sciences. (3 Units)

Prerequisites: Prerequisites: MAT 131, PSY 230 OR SOC 220 and BEH 300, POL 300, and SOC 305 are required. Must pass with grade C or better. Senior standing required. A seminar designed to integrate previous course work by approaching selected problems from the perspective of the various behavioral sciences. Preparation of seminar paper. Three hours of seminar
 Offered Fall, Spring, All terms

Behavioral Science, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Students completing this major are not required to complete a minor in another field. However, it is recommended that students in the major complete a minor in one of the other social and behavioral sciences (Anthropology, Political Science, Psychology, or Sociology).

Major Requirements (44-45 units)

All courses applied to the BA in the Behavioral Science Program must be passed with a grade of "C" or better.

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|---|-------|
| Prerequisite Courses ¹ | | |
| POL 101 | American Institutions ² | 3 |
| Select one course from the following: | | 3-4 |
| MAT 131 | Elementary Statistics and Probability ³ | |
| PSY 230 | Elementary Statistical Analysis in Psychology | |
| SOC 220 | Analytical Statistics | |
| Upper Division Requirements | | |
| BEH 300 | Res Methods Behavioral Science ⁴ | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| POL 300 | Research Design in Political Science | 3 |
| POL 310 | Current Issues in American Government | 3 |
| PSY 305 | History and Systems of Psychology | 3 |
| SOC 305 | Methods Of Soc Research | 4 |
| SOC 355 | Modern Sociological Theories | 4 |
| BEH 490 | Seminar In Beh Sciences ⁵ | 3 |
| Elective Courses | | |
| Select three of the following courses: ⁶ | | 9 |
| ANT 310 | Culture & Personality: Psychological Anthropology | |
| ANT 312 | Language And Culture | |
| ANT 315 | Magic & Religion | |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | |
| ANT 337 | Ethnography and Film | |
| POL 314 | American Political Parties and Elections | |
| POL 325 | Women and Politics in the United States | |
| POL 336 | Theories of International Relations | |
| POL 370 | Public Opinion and Propaganda | |
| PSY 340 | Social Psychology: Psychological Perspective | |
| PSY 350 | Child Psychology | |
| PSY 353 | The Experience of Death and Dying: Psychological Perspectives | |
| PSY 360 | Theories Of Personality | |
| PSY 363 | Abnormal Psychology | |

| | |
|---------------------------------------|---|
| SOC 311 | Global Organizations and Social Processes |
| SOC 320 | The Family |
| SOC 340 | Social Psychology: Sociological Perspective |
| SOC 365 | Deviant Behavior |
| Applied Elective Course | |
| Select one course from the following: | |
| ANT 390 | Applied Anthropology |
| BIO 370 | Bio Basis Human Behavior |
| POL 401 | Political and Public Sector Leadership |
| PSY 314 | Behavior Modification |
| SOC 304 | Computer Applications |
| SOC 306 | Program Evaluation |

Total Hours 44-45

- ¹ These are Prerequisite Courses only, they may be taken both to satisfy the General Education requirement and to fulfill this Prerequisite requirement.
- ² To qualify for graduation, each student shall demonstrate knowledge of the Constitution of the United States and the principles of state and local government established under the Constitution of the state of California. This statutory requirement may be satisfied by completion of POL 101 American Institutions.
- ³ MAT 131 Elementary Statistics and Probability fulfills General Education, Area B4.
- ⁴ BEH 300 Res Methods Behavioral Science must be completed by the student within the first two semesters of taking any upper division course for the major.
- ⁵ Prerequisites: BEH 300 ([https://catalog.csudh.edu/search/?P=BEH %20300](https://catalog.csudh.edu/search/?P=BEH%20300)), POL 300 (<https://catalog.csudh.edu/search/?P=POL%20300>), and SOC 305 (<https://catalog.csudh.edu/search/?P=SOC%20305>) are required. Senior standing required. Only offered in spring
- ⁶ Each selected course should be from a different behavioral science area than other chosen electives (anthropology, political science, psychology or sociology). Students with a minor in one of these areas are to select all elective courses (listed below) from an area different from their minor.

Program Learning Outcomes

- Students will demonstrate mastery of Theories and Concepts from the four core theory courses—from PSY, SOC, ANT, POL—required of all BEH majors.
- Students will demonstrate mastery of Interdisciplinary Research Methods from the Social Behavioral Sciences—including the development of a written research proposal and giving a presentation based on that proposal – from BEH 300.
- Students will demonstrate mastery of an ability to integrate ideas from across the Behavioral disciplines—from BEH 300 and BEH 490.
- Students will demonstrate mastery of critical reasoning skills—from BEH 300 and BEH 490
- Students will complete a relatively simple interdisciplinary research project using two forms of research methodologies – BEH 490.
- Students will learn terms and basic concepts having to do with various research methods across the four contributing disciplines – BEH 300

4-Year Degree Roadmap

| First Year | | Hours |
|---|--|-----------|
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C1 Arts Course | | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| GE Area B2 Life Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C2 Letters Course | | 3 |
| POL 101 | American Institutions | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| MAT 131 | Elementary Statistics and Probability (satisfies GE Area B4) | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BEH 300 | Res Methods Behavioral Science | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| SOC 305 | Methods Of Soc Research | 4 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Hours | | 16 |
| Spring | | |
| POL 300 | Research Design in Political Science | 3 |
| SOC 355 | Modern Sociological Theories | 4 |
| POL 310 | Current Issues in American Government | 3 |
| PSY 305 | History and Systems of Psychology | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| BEH Elective | | 3 |
| BEH Elective | | 3 |
| BEH Elective | | 3 |
| BEH Applied Elective | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| BEH 490 | Seminar In Beh Sciences | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |

| | |
|----------------------------|------------|
| Elective to meet 120 units | 3 |
| Hours | 12 |
| Total Hours | 120 |

2-Year Degree Roadmap (transfer students)

| First Year | | Hours |
|--|---|-----------|
| Fall | | |
| BEH 300 | Res Methods Behavioral Science | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| ANT 388 | Anthro Theories Of Behav | 3 |
| SOC 305 | Methods Of Soc Research | 4 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Hours | | 16 |
| Spring | | |
| POL 300 | Research Design in Political Science | 3 |
| SOC 355 | Modern Sociological Theories | 4 |
| POL 310 | Current Issues in American Government | 3 |
| PSY 305 | History and Systems of Psychology | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| BEH Elective | | 3 |
| BEH Elective | | 3 |
| BEH Elective | | 3 |
| BEH Applied Elective | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| BEH 490 | Seminar In Beh Sciences | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 13 |
| Total Hours | | 60 |

Behavioral Science, Minor Requirements

| Code | Title | Hours |
|--|--|-------|
| Upper Division Required Course | | |
| BEH 300 | Res Methods Behavioral Science | 3 |
| Elective Courses | | |
| Select four courses from the following: ¹ | | 12 |
| ANT 310 | Culture & Personality: Psychological Anthropology | |
| ANT 312 | Language And Culture | |
| ANT 315 | Magic & Religion | |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | |
| ANT 337 | Ethnography and Film | |
| ANT 388 | Anthro Theories Of Behav | |
| POL 314 | American Political Parties and Elections | |
| POL 325 | Women and Politics in the United States | |
| POL 336 | Theories of International Relations | |
| POL 370 | Public Opinion and Propaganda | |
| POL 371 | Conflict, Violence, Nonviolence and Peace | |

| | |
|---------|---|
| PSY 305 | History and Systems of Psychology |
| PSY 340 | Social Psychology: Psychological Perspective |
| PSY 350 | Child Psychology |
| PSY 353 | The Experience of Death and Dying: Psychological Perspectives |
| PSY 360 | Theories Of Personality |
| PSY 363 | Abnormal Psychology |
| SOC 311 | Global Organizations and Social Processes |
| SOC 320 | The Family |
| SOC 340 | Social Psychology: Sociological Perspective |
| SOC 355 | Modern Sociological Theories |
| SOC 365 | Deviant Behavior |

Total Hours **15**

¹ One course in each of the core disciplines of the behavioral sciences: anthropology, political science, psychology and sociology. However, students with a major in anthropology, political science, psychology or sociology are to select the fourth course from one of the disciplines other than their major.

Biochemistry

College of Natural and Behavioral Sciences
Department of Chemistry and Biochemistry

Department Mission Statement

The California State University Dominguez Hills (CSUDH) Chemistry and Biochemistry department provides world class academic excellence across the chemical society by engaging a diverse student body and faculty that will strive for the finest quality of service in a dynamic learning environment to provide cutting edge research and from the University community prepare the next generation of critical thinkers, scientists, and industry leaders.

Program Description

The Bachelor of Science in Biochemistry will prepare students for graduate work in chemistry or biochemistry; teaching chemistry in secondary schools; employment with industry or government; entry into professional schools such as medicine or dentistry; or entry into law school with a view toward specialization in patent or environmental law. The department is approved by the American Chemical Society (ACS), 1155 Sixteenth Street, N.W., Washington, DC, 20036.

Features

The department is housed in well-equipped offices and laboratories with state of the art instruments on the third floor of the Natural Sciences and Mathematics Building. The faculty consists of full-time members who represent all the major areas of chemistry. Students generally benefit from the smaller class sizes and the individualized attention, which is seldom available at large universities. Students are introduced to modern instrumental techniques and are given many opportunities for "hands-on" experience.

Academic Advising

Students who are majoring in biochemistry should be advised once each semester, prior to registration. Permanent records of advisement are kept in the department office.

Preparation

High school students should include two years of algebra, one year of geometry and a one-year course in chemistry in their high school preparation. A course in high school physics also is recommended. Students who enter without this preparation must expect to delay their graduation beyond the minimum time-period of four years.

Community college transfers should have completed one year of general chemistry, one year of calculus and one year of physics.

Pre-Medical Professions Training in Biochemistry

Students who wish to apply to professional schools of medicine, dentistry, veterinary medicine, or other medical areas following graduation should consider completing the requirement for a B.S. degree in Biochemistry. In addition, students should complete the elective course that was not selected to fulfill the degree requirements.

The following courses are not usually required for admission to medical school, but it is recommended that students consider them when planning their academic program. Many former students have found them to be a valuable introduction to courses that must be taken in many professional programs.

| Code | Title | Hours |
|---------|----------------------|-------|
| BIO 422 | Histology | 3 |
| BIO 424 | Histology Laboratory | 1 |
| BIO 453 | Endocrinology | 3 |
| BIO 483 | Human Physiology | 3 |

Student Organizations

Membership in the Science Society of CSU Dominguez Hills is open to all students. The Society encompasses all of the scientific disciplines and is also a Student Affiliate Chapter of the American Chemical Society. It was founded to serve the interests and concerns of science students and sponsors scientific, educational, professional and social activities. The American Chemical Society has commended the Science Society for the high quality of its activities and programs. Contact the Department of Chemistry for further information.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Biochemistry provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Career Possibilities

A Major in Biochemistry will prepare students for graduate work in chemistry or biochemistry; teaching chemistry in secondary schools; employment with industry or government; entry into professional schools

such as medicine or dentistry; or entry into law school with a view toward specialization in patent or environmental law.

Students may prepare for a career in teaching science at the secondary level (junior high or high school) by completing an approved "Subject Matter Preparation Program." Completion of such a program is the first step in meeting the state requirements for a teaching credential. As the program requirements for the "Subject Matter Preparation Program" in science have changed recently, interested students should consult the departmentally designated advisor for current information.

Undergraduate Programs

Bachelor

- Biochemistry, Bachelor of Science (p. 394)

Faculty

Arumugam Thangavel, Department Chair
H. Leonardo Martinez, Noel Sturm, Lihung Pu, Tieli Wang, Patrick Still, Kenneth R. Rodriguez, Kari Pederson, Erin McCauley, Barbara Belmont, and Lida Latizadeah

Staff

Laboratory Technicians: Anthony Diaz (Led Lab Technician), Justin Hathaway, and Amber M. Rivas

Department Office: SCI 324, (310) 243-3376

Emeriti Faculty

Ulrich de la Camp, L. Danette Dobyns, Eugene N. Garcia, James Lyle, Sofia Papatheodorou, Oliver Seely, George Wiger, William Wilk

Biochemistry, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (81 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree. A grade of "C" or better must be achieved in all courses.

| Code | Title | Hours |
|--|-------------------------------------|-----------|
| Lower Division Required Courses | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis | 4 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| Upper Division Required Courses | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 320 | Physical Chemistry I | 5 |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 360 | Writing in Chemical Sciences | 2 |
| CHE 420 | Advanced Appic for Chemistry | 2 |
| CHE 450 | Biochemistry I ¹ | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| CHE 452 | Biochemistry II | 4 |
| CHE 453 | Biochemistry II Lab | 2 |
| Electives | | |
| Select six units from the following: | | 6 |
| BIO 314 | Developmental Biology | |
| BIO 315 | Developmental Biology Lab | |
| BIO 320 | Cell Biology | |
| BIO 340 | Genetics ² | |
| Total Hours | | 81 |

¹ Major students may substitute this course for General Education Area E. Please contact the University Advisement Center to request the course substitution.

² Major students may substitute this course for General Education Area F2. Please contact the University Advisement Center to request the course substitution.

Bachelor of Arts and Bachelor of Science Chemistry/Bachelor of Science Biochemistry Program Learning Outcomes

- General familiarity with the following areas in chemistry: analytical, biochemistry, inorganic, organic and physical.
- Developed formal (abstract) thinking skills as well as concrete thinking skills.
- Learned how to think critically and analyze chemical problems.
- The ability to work effectively and safely in a laboratory environment.
- The ability to work in teams as well as independently.
- The ability to communicate effectively, both orally and in writing.

4-Year Degree Roadmap

| Course | Title | Hours |
|--|-------------------------------------|-----------|
| First Year | | |
| Fall | | |
| MAT 191 | Calculus I ((satisfies GE Area B4)) | 5 |
| GE Area A2 Composition I | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| CHE 110 | General Chemistry I | 5 |
| Hours | | 16 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| CHE 112 | General Chemistry II | 5 |
| MAT 193 | Calculus II | 5 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| CHE 230 | Quantitative Analysis | 4 |
| PHY 130 | General Physics I | 5 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| Hours | | 16 |
| Spring | | |
| PHY 132 | General Physics II | 5 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| GE Area A1 Oral Communication | | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 18 |
| Third Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 19 |
| Spring | | |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| GE Area B5 or D3 | | 3 |
| CHE 460 | Chemical Literature | 2 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| Major Elective | | 3 |
| Hours | | 13 |
| Spring | | |
| CHE 452 | Biochemistry II | 4 |
| CHE 453 | Biochemistry II Lab | 2 |
| Major Elective | | 3 |
| GE Area B5 or D3 | | 3 |

| | |
|--|------------|
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Hours | 15 |
| Total Hours | 129 |

2-Year Roadmap (transfer students)

| | | |
|----------------------------|---------------------------------|-----------|
| First Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| GWAR satisfying course | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Spring | | |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| GE Area C or D | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B5 or D3 | | 3 |
| Major Elective | | 3 |
| CHE 450 | Biochemistry I | 4 |
| CHE 460 | Chemical Literature | 2 |
| CHE 451 | Biochemistry I Lab | 1 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Spring | | |
| CHE 452 | Biochemistry II | 4 |
| CHE 453 | Biochemistry II Lab | 2 |
| Major Elective | | 3 |
| GE Area B5 or D3 | | 3 |
| GE Area C3 | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Biology

College of Natural and Behavioral Sciences
Department of Biology

Program Description

The Biology Program at CSU Dominguez Hills is designed to provide students with intensive, progressive and balanced learning experiences in cell and molecular biology, organismal biology, population and community biology, and environmental science.

The Biology Department offers students eight programs from which to choose:

1. An undergraduate program which awards the Bachelor of Arts Degree;
2. Three undergraduate major options that award the Bachelor of Science Degree: a Cellular and Molecular Biology Option, an Ecology and Environmental Biology Option and a Microbiology Option;
3. Two minor programs: a General Minor and a Microbiology Minor;

4. A Biological Science Subject Matter Preparation Program for students pursuing a secondary teaching credential;
5. A graduate program which awards the Master of Science Degree.

Subject Matter Preparation Program

The Subject Matter Preparation Program is authorized by the California Commission on Teacher Credentialing. This course of study includes a number of prescribed courses that address proficiency standards for content knowledge required for the Single Subject credential in Biological Sciences. Interested students should contact the departmentally designated advisor for current information.

Specific Biological Sciences Subject Matter Authorization (32 units)

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an additional Specific Biological Sciences Subject Matter Authorization that allows the holder to teach the specific subjects in grades preschool, K-12, and classes organized primarily for adults.

For other requirements governing the issuance of this authorization, consult the Teacher Education section of this catalog or contact the College of Education Student Services Center.

Features

The most important feature of the Biology Department is its excellent faculty, of which all full-time and most part-time members hold a doctoral degree. They are dedicated to excellence in teaching and are active in basic and applied research and other scholarly activities. The department currently has more than \$1.5 million in private foundations, federal and international research grants. Another attractive feature of the department is its small class size. This allows students to interact frequently and effectively with instructors both within and outside of class. It also permits instructors to easily identify students in need of additional assistance and to supply such assistance.

The Biology Department's teaching and research facilities are modern and well equipped. Special facilities and equipment that are available for student use include a tissue culture laboratory, a next-generation sequencer, a greenhouse and a nature preserve. In addition to on-campus facilities, students may study marine biology and desert biology using facilities available in the Southern California Ocean Studies Institute and the Desert Studies Consortium. Excellent computer and library facilities also are available.

Since the Biology faculty maintain several diverse research programs that are well supported by public and private funds, the department can provide both undergraduate and graduate students with opportunities to actively participate in research. Biology students have been successful, not only in conducting research, but in presenting reports at scientific meetings, publishing their findings, and receiving national recognition for the high quality of their work.

Academic Advisement

The Biology Department requires that each semester prior to or during registration, undergraduate and graduate students meet with their biology advisor to review their progress, select new courses, update their departmental advisement file, explore career options, and to discuss any issues they may have encountered.

Preparation

Students planning to enter the biology program directly from high school should prepare by completing four years of English, including composition; algebra, geometry, trigonometry, and pre-calculus if available; and at least one year each of biology, chemistry, and physics.

Students transferring from a community college should have completed one semester of statistics, one semester of calculus, one year of introductory biology and one year of general chemistry.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Biology provided the following criteria are satisfied:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements in the major.

Students who achieve Honors in Biology will have the information recorded on their transcripts and diplomas.

Pre-Health Professions in Biology

Students who choose a career in the health professions, e.g. medicine, pharmacy, dentistry, physician assistant, veterinary medicine, etc. must satisfy certain prerequisites for entry into programs that offer those degrees. Students interested in a healthcare career often chose biology as their major since many of the prerequisites are required courses in biology; however, a pre-health student may declare any major if the prerequisites are met. Regardless of major, students choosing to become a health professional are highly recommended to meet with a CSUDH Pre-Health Advisor. Currently these individuals are Dr. HK Choi and Professor Nancy Roback (Chemistry).

In general, the courses required for many of these programs include General Biology (BIO 120 and BIO 121 Principles of Biology I with Lab/ BIO 122 and BIO 123 Principles of Biology II with Lab), General Chemistry (CHE 110 General Chemistry I/CHE 112 General Chemistry II), Organic Chemistry (CHE 310 and CHE 311 Organic Chemistry I with Lab/CHE 312 and CHE 313 Organic Chemistry II with Lab) and Physics (PHY 120 Elements Of Physics I/PHY 122 Elements Of Physics II). Most programs have their unique requirements, so individual review of all prerequisites is recommended. For example, medical schools strongly recommend one semester of biochemistry (CHE 450 Biochemistry I) in addition to the prerequisites listed above, whereas other programs, such as pharmacy school, may require two semesters of biochemistry with laboratory. Due to the variation of prerequisites at different institutions, students are advised to work closely with Pre-Health advisors.

In addition to the prerequisite courses, most programs require other components for their application, e.g.

1. a standardized test such as the MCAT, DAT, OAT, etc.;
2. GPAs, both the overall and BCPM (biology, chemistry, physics and math);
3. a personal statement;
4. letters of recommendation;
5. experience associated with the eventual health profession, e.g. some exposure to clinical situations such as volunteering, internships, etc.

To schedule a career advising appointment with a Pre-Health advisor, contact the Biology Office at 310-243-3381.

Career Possibilities

A student in the Biology Department will be prepared to pursue a variety of career opportunities, depending on the curricular program chosen. An undergraduate major may choose any of the options. The Cellular and Molecular Biology Option can fulfill the major entrance requirements for professional schools of medicine, dentistry, veterinary medicine, pharmacy, optometry, podiatry and medical technology, or prepare the student for further graduate study in biology. Biology graduates from CSU Dominguez Hills have competed successfully for admission to professional and graduate schools in California and elsewhere. Students also may use the Cellular and Molecular Biology Option to prepare for careers in teaching, research, government, academia or the biotechnology industry. The Ecology and Environmental Biology option will prepare students for graduate studies or careers with federal, state, and local agencies, non-governmental organizations (NGOs) and consultants, and careers in teaching, among others. The Microbiology Option provides training in microbiology, medical microbiology, immunology and related courses (virology, mycology and parasitology) for students interested in a career in applied biology, biomedical research or allied fields.

Students may prepare for a career in teaching science at the secondary level (junior high or high school) by completing an approved "Subject Matter Preparation Program." Completion of such a program is the first step in meeting the state requirements for a teaching credential. Interested students should consult the departmentally designated advisor for current information.

The Master of Science program in Biology will provide students with an in-depth background suitable for pursuing a career in biological research, teaching or in a related field such as public health, psychology and human services. Students may develop a program of courses and research that is tailor-made to their individual needs within the areas of expertise of their advising faculty. The graduate program also can establish a strong foundation for training in medicine, dentistry, veterinary, pharmacy, and allied health professions, as well as doctorate programs.

Undergraduate Programs

Bachelors

- Biology, Bachelor of Arts (p. 402)
- Biology, Bachelor of Science (p. 404)

Minors

- Biology, Minor (p. 410)
- Microbiology, Minor (p. 410)

Graduate Programs

Master

- Biology, Master of Science (p. 408)

Subject Matter Preparation

- Biology, Subject Matter Preparation (p. 410)

Faculty

Helen Chun, Department Chair

Fang Wang, Graduate Program Coordinator

H.K. Choi, Karin Kram, Samantha Leigh, Charlene McCord, Terrence McGlynn, Sonal Singhal, Davood Soleymani, Eillen Teclé, Kathryn Theiss, Justin Valliere, Fang Wang

Department Office: SCI 229, (310) 243-3381

Emeriti Faculty

David E. Brest, Lois W. Chi, Evelyn Tutt Childress, Robert V. Giacosis, Carol Guze, Catherine Jacobs, Gene A. Kalland, Getachew Kidane, Richard

Kuramoto, Thomas Landefeld, Francis McCarthy, Laura M. Phillips, John Roberts, Laura Robles, John Thomlinson

Courses

BIO 101. Success for Biologists. (1 Units)

Co-requisite: CHE 108 is required. This course will introduce concepts and skills to help students successfully navigate STEM courses and the biology major. Study skills, resources, careers, and academic mindset will be discussed. Students will be asked to reflect on their own learning. Consent required.

Offered Fall, Spring

BIO 102. General Biology. (3 Units)

Representative topics in modern biology, emphasizing the present state of knowledge and the major means whereby this knowledge is being expanded. Three hours of lecture per week.

Offered Fall, Spring

BIO 103. General Biology Laboratory. (1 Units)

Prerequisite: BIO 102 (may be taken concurrently) Laboratory work and demonstrations in representative areas of modern biology. Emphasizes scientific methodology. Three hours of laboratory per week.

Offered Fall, Spring

BIO 120. Principles of Biology I. (3 Units)

Prerequisite: CHE 108 or satisfactory performance on General Chemistry Placement Test. CHE 110 is recommended. Co-requisite: BIO 121.

Introduction to basic biological concepts including biochemistry and macromolecules, the structure and function of cells, basic genetic principles, DNA replication, transcription and translation. Three hours of lecture per week.

Offered Fall, Spring

BIO 121. Principles of Biology Laboratory I. (1 Units)

Co-requisite: BIO 120. Laboratory investigations of the properties of biological molecules and cells, metabolism, and patterns of inheritance. Modern laboratory techniques and application of the scientific method are emphasized. Three hours of laboratory per week.

Offered Fall, Spring

BIO 122. Principles of Biology II. (3 Units)

Prerequisites: BIO 120 and BIO 121, CHE 108 or satisfactory performance on General Chemistry Placement Test. CHE 110 is recommended. Co-requisite: BIO 123. Introduction to basic biological concepts, including biology of prokaryotes, fungi, plants, invertebrates, and vertebrates, the anatomy and physiology of select organ systems. Three hours of lecture per week.

Offered Fall, Spring

BIO 123. Principles of Biology Laboratory II. (1 Units)

Laboratory investigations demonstrating the major properties of the animal kingdom, plant structure and reproduction, vertebrate organ systems and animal fertilization. Application of the scientific method is emphasized. Three hours of lab per week.
Offered Fall, Spring

BIO 124. Principles of Biology III. (3 Units)

Prerequisites: BIO 122 and BIO 123. Co-requisite: BIO 125. Introduction to basic concepts of evolution and ecology, including Darwinian evolution, biogeography, biodiversity, genomics, biomes, coevolution, and population, community, ecosystem, landscape, behavioral ecology. Three hours of lecture per week.
Offered Fall, Spring

BIO 125. Principles of Biology Lab III. (1 Units)

Co-requisite: BIO 124. Fossils and stratigraphy, population genetics and ecology, field measurements in ecology and field trips to local ecosystems. Three hours of laboratory per week.
Offered Fall, Spring

BIO 190. Introduction to Marine Life. (3 Units)

General aspects of marine biology including the principles of physical and biological oceanography, the biological processes of marine life and the ecology of marine environments.
Offered As needed

BIO 195. Special Topics in Biology. (1-3 Units)

Introductory course of special interest in Biology for entry level students. Topic and content will vary as announced. Two to three hours of lecture per week. Not open for credit toward the Biology major.
Offered Infrequent

BIO 214. Embryology. (2 Units)

Offered All terms

BIO 220. Molecular Biology. (3 Units)

Prerequisites: BIO 120, BIO 121, BIO 122, BIO 123 and CHE 110. Co-requisite: BIO 221. Principles of molecular biology including DNA replication, transcription, translation, DNA recombination and repair and gene regulation. Emphasis on prokaryotic and eukaryotic systems. Three hours of lecture per week.
Offered Fall, Spring, All terms

BIO 221. Molecular Biology Laboratory. (1 Units)

Co-requisite: BIO 220. Basic laboratory techniques used in molecular biology, including DNA recombination, cDNA synthesis, PCR, transfection, gel electrophoresis, protein purification, immunoblotting. Required laboratory reports. Three hours of laboratory per week.
Offered Fall, Spring

BIO 250. Elem Hum Anat & Physiol. (3 Units)

Prerequisite: BIO 102 or equivalent or BIO 120 or equivalent. Basic principles of anatomical structure and physiological processes of human organ systems. Not open for credit toward the Biology major. Three hours of lecture per week.
Offered Fall, Spring, All terms

BIO 251. Elem Hum Anatomy Phys Lab. (1 Units)

Co-requisite: BIO 250. Laboratory work and demonstration in the anatomical structure and processes occurring in man. Not open for credit toward the Biology major. Three hours of laboratory per week.
Offered Fall, Spring

BIO 254. Human Biology. (3 Units)

Prerequisite: BIO 102 or equivalent. Biological aspects of humans with emphasis on structure and function of organ systems. Additional topics may include human origins, diseases, and health aspects of human genetics and the environment. Not open for credit towards the Biology major. Three hours of lecture per week.
Offered Fall

BIO 310. Plant Physiology. (3 Units)

Prerequisites: BIO 124, BIO 125. Co-requisite: BIO 311. An introduction to cell metabolism in plants. Topics include photosynthesis, respiration, amino acid synthesis and lipid metabolism. Physiology of plants, including hormones, photoperiodism and circadian rhythms, will also be covered. Three hours of lecture per week.
Offered Spring

BIO 311. Plant Physiology Laboratory. (1 Units)

Co-requisite: BIO 310. Associated laboratory to BIO 310. Topics include photosynthesis, respiration, amino acid synthesis and lipid metabolism. Physiology of plants, including hormones, photoperiodism and circadian rhythms, will also be covered. Three hours of laboratory per week.
Offered Spring

BIO 312. Animal Physiology. (3 Units)

Prerequisites: BIO 124, BIO 125. Co-requisite: BIO 313. Introduction to comparative animal physiology with emphasis on the vertebrates. Topics include gas exchange, circulatory function, digestion temperature regulation, metabolism, osmoregulation and excretion. Three hours of lecture per week.
Offered Fall

BIO 313. Animal Physiology Laboratory. (1 Units)

Co-requisite: BIO 312. Laboratory work and demonstration of the principles on how physiological systems work in normal and stressed conditions. Exercises coordinate with and reinforce material presented in BIO 312. Three hours of laboratory per week.
Offered Fall

BIO 314. Developmental Biology. (3 Units)

Prerequisites: BIO 124, BIO 125, and BIO 220 required. Co-requisite: BIO 315 required. Students will discuss developmental events from gametogenesis through organogenesis in a variety of animal models. The cellular and molecular mechanisms controlling development will be explored. We will also discuss how intrinsic and extrinsic factors can alter the developmental outcomes, which might lead to developmental defects and diseases.
Offered Spring

BIO 315. Developmental Biology Lab. (1 Units)

Co-requisite: BIO 314. Laboratory work and examination of the developmental anatomy in the frog and chick embryos, fertilization and early development of sea urchin and isolation of chick muscle, organs and whole embryos. Three hours of laboratory per week.
Offered Spring

BIO 320. Cell Biology. (3 Units)

Prerequisites: BIO 220, BIO 221; CHE 310, CHE 311 or CHE 316, CHE 317. Structure and function of eukaryotic cells with emphasis on the role of organic macromolecules, mechanisms of energy metabolism, DNA and protein synthesis, protein sorting, endo- and exocytosis, cell signaling, cytoskeletal elements, biotechnology and cell research techniques. Three hours of lecture per week.
Offered Fall, Spring

BIO 324. Microbiology with Clinical Applications. (3 Units)

Prerequisite: BIO 122, BIO 123; CHE 300, CHE 301 or CHE 310, 311, or CHE 316, CHE 317; Corequisite: BIO 325. The morphology, physiology, genetics and classification of microorganisms; applied aspects of microbiology. Basic bacteriological techniques included in the laboratory. Three hours of lecture per week.
Offered Fall

BIO 325. Microbiology with Clinical Applications Laboratory. (1 Units)

Co-requisite: BIO 324. Use of basic bacteriological techniques, including correct use of compound microscope, standard staining for microorganism identification, routine aseptic inoculations and culturing microbes. Three hours of laboratory per week.
Offered Fall, All terms

BIO 326. General Microbiology. (3 Units)

Prerequisites: BIO 124, BIO 125, BIO 220, CHE 112 are required. BIO 221, CHE 310, and CHE 311 are recommended. Co-requisite: BIO 327 is required. Introduction to the biology of microorganisms. The course examines microbial structure, metabolism, genetics, and growth, and will discuss microorganisms in different ecological environments and their role in pathogenicity. Three hours of lecture per week.
Offered Fall, All terms

BIO 327. General Microbiology Laboratory. (1 Units)

Prerequisites: BIO 124, BIO 125, BIO 220 and CHE 110 are required. Co-Requisites: BIO 326 is required. This laboratory course will introduce microbiology research and testing methods, including establishing experimental design. Basic techniques are emphasized, such as sterile techniques, culturing and microscopy. Students will be using methods to identify unknown microorganisms. Three hours of laboratory per week.
Offered Fall

BIO 330. Botany. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. Co-requisite: BIO 331 is required. An introduction to plant biology. Topics include anatomy and morphology, the evolution of land plants, and basic ecology. There will be a special focus on plant reproduction. Three hours of lecture per week.
Offered All terms, Fall

BIO 331. Botany Laboratory. (1 Units)

Prerequisite: BIO 124 and BIO 125 are required. Co-requisite: BIO 330 is required. Laboratory work to examine plant cells and tissues, diversity of land plants, and plant ecology. Emphasis includes phylogenetics, floral evolution, and Southern California ecology. Three hours of laboratory per week.
Offered Fall

BIO 332. Ecology. (3 Units)

Prerequisites: BIO 124, BIO 125. Co-requisite: BIO 333. Concepts in ecology including energy flow, biogeochemical cycles, community structure, succession, and population growth and interaction. Sampling techniques and use of ecological instrumentation learned in laboratory. Three hours of lecture per week.
Offered Spring

BIO 333. Ecology Laboratory. (1 Units)

Co-requisite: BIO 332. Laboratory work demonstrating principles of ecology, specifically the physical environment, adaptations of individuals, populations, communities of plants and animals, ecosystem, evolutionary ecology, biodiversity and biogeography, and interactions of human beings with the environment. Three hours of laboratory per week.
Offered Spring

BIO 336. Environmental Biology. (3 Units)

Prerequisite: BIO 102 or BIO 122 is required. Principles of ecology applied to contemporary environmental problems. Emphasis is placed upon human impact in Southern California. One day (18 hour) field trip is required. Not open for credit toward the Biology major.
Offered Spring

BIO 340. Genetics. (3 Units)

Prerequisites: BIO 124, BIO 125, BIO 220, MAT 131. CHE 310 and CHE 311 or CHE 316 and CHE 317 are recommended. Principles of heredity, gene expression at the molecular and organismic levels, variation and mutation. Three hours of lecture per week.
Offered Fall, Spring

BIO 342. Cell And Genetics Lab. (1 Units)

Prerequisite: BIO 220 and BIO 221. An introduction to modern techniques of biological research on cell biomolecules and genetics, with emphasis on microscopy, protein isolation and characterization, enzyme activity, electrophoresis of biomolecules, transformation and PCR. Three hours of laboratory per week.
Offered Fall, Spring

BIO 346. Human Heredity. (3 Units)

Prerequisite: BIO 102 or equivalent. Introduction to human genetics, including human reproduction. Mendelian inheritance, chemical basis of gene action, mutation, and eugenics. Not open for credit toward the Biology major or to students with credit in BIO 340.
Offered Infrequent

BIO 360. Marine Biology. (3 Units)

Introduction to the biology of marine life. Includes a review of common marine organisms and their taxonomic placement. Also includes an ecological perspective on marine planktonic, nektonic, and benthic communities with emphasis on the intertidal habitats of Southern California.
Offered Fall

BIO 361. Marine Biology Laboratory. (1 Units)

Co-requisite: BIO 360. The laboratory is devoted to learning the plants and animals common to each of a variety of local marine habitats. Several field trips are required. Transportation to field sites is the responsibility of each student. Three hours of laboratory or field work per week.
Offered Fall

BIO 370. Bio Basis Human Behavior. (3 Units)

Prerequisite: BIO 102 or equivalent. Biological structure and function as it relates to human behavior. Emphasis on the structure of the central and peripheral nervous systems, sensory systems, neurotransmission, endocrine system and hormones, genetic influences, neuropharmacology and the impact of disease on human behavior. Not open for credit toward the Biology major.
Offered Spring

BIO 374. Drug Abuse. (3 Units)

Prerequisite: BIO 102 or equivalent. Introduction to the problem of drug abuse. The action of commonly abused drugs on the human nervous system will be examined including the physiological and behavioral effects which are produced. Not open for credit toward the Biology major.
Offered Fall, All terms

BIO 380. Biology of Childhood and Adolescence. (3 Units)

Prerequisite: BIO 250 or BIO 254. The physiology of growth and development through the second decade of life; reproductive maturation and the hormonal regulation of puberty; common illnesses, growth disorders and health hazards, including a brief introduction to venereal diseases and drug abuse. Not open for credit toward the Biology major. Offered Infrequent, All terms

BIO 386. Human Aging. (3 Units)

Prerequisite: BIO 250 or BIO 254. The effects of aging on the structure and physiology of the human body and the effects of drugs used in the treatment of the elderly. Not open for credit toward the Biology major. Offered As needed

BIO 394. Independent Study. (1-3 Units)

Prerequisite: BIO 124, BIO 125. Advanced library, field or laboratory work. A contract must be signed by the student and supervising faculty. Credit in this course is contingent upon completion of a written report of work accomplished. Not more than three units may be applied toward the Biology major or minor. Repeatable course. Offered Fall, Spring

BIO 395. Special Topics In Biology. (2-3 Units)

Prerequisites: BIO 102 or equivalent or consent of instructor. Courses of special interest in Biology for students not majoring in the field. Topic and content will vary as announced. Not open for credit toward the Biology major. Repeatable course. Two or three hours of lecture per week. Offered As needed

BIO 412. Comparative Vert Biology. (4 Units)

Prerequisites: BIO 124, BIO 125 and BIO 312, BIO 313. Vertebrate evolution, classification and ecology and adaptive morphology will be investigated through observations of behavior, study of fossils, and comparative anatomy dissections. Three hours of lecture and three hours of laboratory per week. Several field trips, including one or more weekend trips required. Offered Infrequent

BIO 416. Landscape Ecology. (3 Units)

Interrelationships among ecosystems in space and time. How abiotic, biotic, and historical factors and disturbance combine to shape present-day landscapes. Use of computer technologies, such as remote sensing and geographic information systems, to study landscape characteristics. Offered Spring

BIO 419. Histotechnique Laboratory. (2 Units)

Co-requisite: BIO 420. Preparation of normal and abnormal tissues for microscopic study. Methods of preparation of tissues for sectioning with paraffin and freezing microtomes. Methods of fixation, dehydration, infiltration, embedding and sectioning tissues. Application of different stains on tissues. Six hours of laboratory per week. Offered Spring

BIO 420. Histotechnique. (2 Units)

Prerequisite: BIO 122, BIO 123. Co-requisite: BIO 419. Preparation of tissues for microscopic study, with emphasis on paraffin embedding and staining. Two hours of lecture per week. Offered Spring, All terms

BIO 421. Advanced Molecular Biology. (3 Units)

Prerequisites: BIO 220, BIO 221, BIO 320, BIO 340, BIO 342, CHE 310 and CHE 311. Recombinant DNA techniques used in the study of genome organization and gene structure, expression and regulation; emphasis on eukaryotic cells. One hour of lecture and six hours of laboratory per week. Offered Fall

BIO 422. Histology. (3 Units)

Prerequisites: BIO 122 and BIO 123 are required. Co-requisite: BIO 424. Microscopic study of the structure and function of cells and tissues and their integration into organs. Three hours of lecture per week. Offered Spring

BIO 423. Cell Fine Structure. (3 Units)

Prerequisite: BIO 320 or BIO 422 and BIO 424. Structure and function of eucaryotic sub-cellular constituents at the light and electron microscopic and biochemical level. Offered Infrequent, All terms

BIO 424. Histology Laboratory. (1 Units)

Co-requisite: BIO 422. Microscopic study of the structure and function of cells and tissues and their integration into organs. Three hours of laboratory per week. Offered Spring

BIO 425. Medical Bacteriology. (2 Units)

Prerequisites: BIO 324, BIO 325, CHE 310, CHE 311 or CHE 316, CHE 317. Co-requisite: BIO 435. Characteristics of bacterial agents in human disease emphasizing host-parasite relationships, epidemiology and infection control. Two hours of lecture per week. Offered Spring

BIO 426. Immunology. (3 Units)

Prerequisites: BIO 320 or BIO 340; BIO 342 is recommended. Co-requisite: BIO 436. Principles of immunology. Emphasis on the cellular and molecular nature of antigens and immunoglobulins; immunobiology; laboratory immunoassays. Three hours of lecture per week. Offered Fall

BIO 427. Clinical Mycology. (3 Units)

Prerequisites: BIO 324 and BIO 325. BIO 425 and BIO 435 are recommended. Comparative morphology, physiology and pathogenicity of medically important fungi. Laboratory methods for identification emphasize interpretation and evaluation of results including the recognition of contaminating or opportunistic organisms. Two hours of lecture and three hours of laboratory per week. Offered Infrequent

BIO 428. Virology. (3 Units)

Prerequisites: BIO 320, CHE 300, CHE 301 or CHE 310, CHE 311, or CHE 316, CHE 317. The anatomy, biochemistry, physiology and pathogenesis of bacterial and animal viruses emphasizing virus diseases of humans. Topics include structure, classification, theory and practical aspects of growth, purification and identification, host-virus interactions, tumor viruses and antiviral agents. Three hours of lecture per week. Offered Fall

BIO 430. Comp BIO: Phlogenetics. (3 Units)

Prerequisites: BIO 124, BIO 125 and BIO 340. BIO 332 is recommended. Strategies for rigorous comparisons of different species: Permissions (legal), collection, identification (diagnosis), taxonomy, maintenance-alive and preserved, character state description, phylogenetic analysis and biogeography. Two hours of lecture and three hours of laboratory per week. Offered Infrequent

BIO 435. Medical Bacteriology Laboratory. (2 Units)

Co-requisite: BIO 425. Laboratory methods used. Medical bacteriology, including detection, isolation and identification of medically important bacteria. Six hours of laboratory per week. Offered Spring

BIO 436. Immunology Laboratory. (1 Units)

Co-requisite: BIO 426. Principles of immunology. Emphasis on the cellular and molecular nature of antigens and immunoglobulins; immunobiology; laboratory immunoassays. Three hours of laboratory per week.
Offered Fall

BIO 440. Molecular Genetics. (3 Units)

Prerequisites: BIO 320 and BIO 340. Genome structure in relation to control of gene expression in prokaryotic and eucaryotic cells; interplay between genes and regulatory reactions that control development. Topics include antibody diversity, neoplastic transformation by oncogenes, and pattern formation. Three hours of lecture per week.
Offered Spring

BIO 442. Human Genetics. (3 Units)

Prerequisites: BIO 320 and BIO 340. BIO 440 is recommended. Principles of human genetics including cytogenetics, Mendelian inheritance, pedigree construction, complex patterns of inheritance, biochemical defects, gene mapping, hemoglobinopathies, molecular genetics, prenatal diagnosis and gene therapy. Three hours of lecture per week.
Offered Infrequent

BIO 450. Evolution. (3 Units)

Prerequisite(s): BIO 124 and BIO 340 required. Explores how modern approaches to studying evolution are teaching us new and surprising things about how evolution works and its power to help explain patterns in the natural world. This course is a paper-based, discussion-based course.
Offered Fall

BIO 452. Minority Health Disparities. (3 Units)

Prerequisite: BIO 220 is required. BIO 320 is recommended. This course deals with the issue of minority health disparities from the many possible courses and treatments to ways to address this problem in the future.
Offered Spring

BIO 453. Endocrinology. (3 Units)

Prerequisites: BIO 220 is required. The role of endocrine glands and tissues in metabolic regulation, environmental adjustment, reproduction, and development of vertebrates, with emphasis on mammals. Three hours of lecture per week.
Offered Spring

BIO 458. Human Parasitology. (3 Units)

Prerequisites: BIO 122 and BIO 123. Co-requisite: BIO 459. Physiological aspects of parasites in man, their symbiotic host and parasite relationships and clinical diagnostic techniques. Three hours of lecture per week.
Offered Fall

BIO 459. Human Parasitology Laboratory. (1 Units)

Co-requisite: BIO 458. Physiological aspects of parasites in man, their symbiotic host and parasite relationships and clinical diagnostic techniques. Three hours of laboratory per week.
Offered Fall

BIO 483. Human Physiology. (3 Units)

Prerequisites: BIO 312 or BIO 320. Advanced lecture and discussion of the functional activities occurring in the human organ systems.
Offered Spring

BIO 490. Senior Project. (3 Units)

Prerequisites: Senior standing and department consent; completion of general education requirements, lower division major requirements and BIO 340. Students will engage in biological writing for diverse audiences including writing for other biologists and the general public. Synthesis of biological literature, data presentation, and the importance of biology to society will be addressed. A grade of C or better in this course fulfills the GWAR requirement for all Biology majors and minors.
Offered Fall, Spring, All terms

BIO 491. Seminar in Biological and Biomedical Research. (1 Units)

Prerequisite: Permission by professor. Current topics in biological and biomedical research presented by CSUDH faculty and prominent scientists from throughout the country. CR/NC grading. Repeatable for up to 2 units.
Offered Fall, Spring

BIO 495. Selected Topics in Biology. (2-3 Units)

Prerequisite: BIO 124 and BIO 125. Advanced course of special interest for students majoring in Biology. May include laboratory exercises. Topic and content will vary as announced. Repeatable course. Two to three hours of lecture per week.
Offered As needed

BIO 496. Internship in Biology. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. BIO 332 and BIO 333 are recommended. This course is available as an elective in the BS in Biology: Ecology and Environmental Biology option only. Supervised internship in ecological setting off campus. A maximum of three units may be applied towards the Biology major.
Offered Fall, Spring

BIO 498. Directed Research in Biology. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. BIO 332 and BIO 333 are recommended. This course is available as an elective in the BS in Biology: Ecology and Environmental Biology option only. The class is intended to allow students to receive ecological research experience off-campus. A maximum of three units may be applied towards the Biology major.
Offered Fall, Spring

BIO 501. Biological Literature. (3 Units)

Prerequisite: Fulfillment of the Graduation Writing Requirement (GWAR). Standard forms of presentation of scientific research, including research articles, review papers, abstracts, poster and oral presentations. Sources of biological literature and contemporary literature search skills as well as data presentation formats and technical writing conventions will be addressed. Three hours of lecture per week.
Offered Spring

BIO 502. Biostatistics. (3 Units)

Prerequisite: MAT 131 or MAT 171 or MAT 191 or equivalent. Application of statistical analyses to biological research with emphasis on experimental design. Analysis of variance, regression and correlation will be the primary topics. Three hours of lecture per week.
Offered Fall

BIO 503. Biological Instrumentation. (3 Units)

Introduction to the operation and application of common instruments used in biological research. Emphasis on those instruments available for graduate research. Two hours of lecture and two hours of activity per week.
Offered Infrequent

BIO 504. Research Techniques in Biology. (3 Units)

Introduction to how research is conducted and how to avoid the major pitfalls that can beset researchers. Ethical conduct of research, permits and permissions, important laboratory and field techniques, preparation for a PhD program. Three hours of lecture per week.
Offered Fall

BIO 510. Urban Environmental Science. (3 Units)

Overview of environmental science. Problems specific to urban context. Pollution of air, water, etc., land-use change, environmental conflicts. Hands-on analysis of environmental conditions in Los Angeles area.
Offered Spring

BIO 516. Landscape Ecology. (3 Units)

Prerequisites: BIO 124 and BIO 125 are required. BIO 332 and BIO 333 are recommended. Interrelationships among ecosystems in space and time. How abiotic, biotic, and historical factors and disturbance combine to shape present-day landscapes. Use of computer technologies, such as remote sensing and geographic information systems, to study landscape characteristics. Three hours of lecture per week.
Offered Fall

BIO 520. Adv In Cell & Molecul Bio. (3 Units)

Prerequisite: BIO 421 or BIO 440. Current developments in the structure and function of viruses, prokaryotic cells, and eukaryotic cells. Three hours of lecture per week. Repeatable for credit in biology master's program for up to six units.
Offered Spring

BIO 522. Applied Biotechnology Skills III. (3 Units)

PABS Skills III is a graduate course for students in the PSM program. In this course, students will learn advanced molecular biology techniques including isolation of DNA and RNA, Southern and Northern blots, transcriptional profiling, and siRNA mediated gene silencing.
Offered Infrequent

BIO 523. Electron Microscopy. (3 Units)

Prerequisite: BIO 421. Theory and use of the electron microscopy preparation of tissue and photographic techniques. One hour of lecture and six hours of laboratory per week.
Offered Infrequent

BIO 590. Graduate Seminar. (2 Units)

Presentation and discussion of selected topics in Biological Science. A minimum of two and a maximum of four units may be applied toward the biology master's degree. The repeated courses must be taught by different instructors or must be on different topics. Two hours of seminar per week.
Offered Fall, Spring

BIO 595. Grad Sel Topics Biology. (2-3 Units)

Prerequisite: Consent of Department Chair. Advanced course of special interest to graduate students in Biology. Topic and content will vary as announced. Repeatable course. Two to three hours of lecture per week.
Offered As needed

BIO 597. Directed Reading. (1-3 Units)

Library research on a specific subject in biology. Topic for study to be approved and directed by instructor. Can be used to prepare for the comprehensive examinations or to formulate a research problem prior to enrollment in BIO 598 or BIO 599. A maximum of three units may be applied toward the master's degree. Repeatable course.
Offered Fall, Spring

BIO 598. Directed Research. (1-3 Units)

Laboratory research on a specific subject in biology. Topic of research to be approved and directed by an instructor. A maximum of three units may be applied toward the master's degree. Repeatable course.
Offered Fall, Spring

BIO 599. Thesis. (1-4 Units)

Laboratory research and writing of thesis for the master's degree. Topic of research to be approved by graduate advisor. A maximum of 9 units of BIO 597, 598 and 599 combined may be applied toward the master's degree. Open only to thesis option graduate students. Repeatable course.
Offered Fall, Spring

BIO 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examinations, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Fall, Spring

Biology, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single-field major. No minor is required, though it is recommended.

Major Requirements (64-67 units)

All courses applied to the B.A. in Biology must be passed with a grade of "C" or better.

| Code | Title | Hours |
|------------------------------------|-------------------------------------|-------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |

| | | |
|--|--|-----------|
| MAT 131 | Elementary Statistics and Probability | 3 |
| PHY 120 | Elements Of Physics I | 4 |
| PHY 122 | Elements Of Physics II | 4 |
| Upper Division Requirements | | |
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics | 3 |
| BIO 342 | Cell And Genetics Lab | 1 |
| BIO 490 | Senior Project ¹ | 3 |
| CHE 316 & CHE 317 | Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory | 4 |
| Select one of the following: | | 4 |
| BIO 310 & BIO 311 | Plant Physiology and Plant Physiology Laboratory | |
| BIO 312 & BIO 313 | Animal Physiology and Animal Physiology Laboratory | |
| BIO 314 & BIO 315 | Developmental Biology and Developmental Biology Lab | |
| BIO 326 & BIO 327 | General Microbiology and General Microbiology Laboratory | |
| Select a minimum of 9 additional units of upper division Biology or Chemistry elective courses | | 9 |
| BIO XXX | | |
| CHE 450 | Biochemistry I | |
| Total Hours | | 64 |

¹ BIO 490 Senior Project: Major students may substitute this course for General Education Area E. Please contact the University Advisement Center to request the course substitution.

Program Learning Outcomes

Upon successful completion of the B.A. and B.S. Programs in Biology, a degree recipient will be able to:

- Describe the detail the major unifying themes of biology, such as evolution, energy flow and transformation, homeostasis, genetic information storage and utilization, structure-function relationships, and hierarchies of organization.
- Apply scientific reasoning to generate and test hypotheses by designing and executing experiments using appropriate methods in the laboratory or in the field.
- Analyze and interpret quantitative biological data.
- Communicate scientific information in a variety of written and oral formats.
- Discuss the relevance of scientific research to society from a historic and a modern perspective, including the ethical implications of scientific research and of new technology.
- Find, read, understand, critically evaluate, summarize, and use scientific information.

4-Year Degree Roadmap

| | | |
|---|--|---|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C1 Arts Course | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |

| | | |
|---|--|------------|
| MAT 131 | Elementary Statistics and Probability (satisfies GE Area B4) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| CHE 108 | Introduction to College Chemistry | 5 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| Additional Lower Division GE in Area C1 or C2 | | 3 |
| HIS 101 | History Of United States | 3 |
| BIO 120 | Principles of Biology I (may meet GE Area B2 for BIO majors) | 3 |
| BIO 121 | Principles of Biology Lab I (may meet GE Area B3 for BIO majors) | 1 |
| CHE 110 | General Chemistry I (may meet GE Areas B1 and B3 for BIO majors) | 5 |
| Hours | | 15 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| POL 101 | American Institutions | 3 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| CHE 112 | General Chemistry II | 5 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics (satisfies GE Area B5) | 3 |
| BIO 342 | Cell And Genetics Lab | 1 |
| Major Elective | | 4 |
| Elective to meet 120 units | | 3 |
| Hours | | 17 |
| Fourth Year | | |
| Fall | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| BIO UD Requirement Lecture | | 3 |
| BIO UD Requirement Lab | | 1 |
| Major Elective | | 4 |
| PHY 120 | Elements Of Physics I (may meet GE Area B1 and B3 for BIO majors) | 4 |
| Hours | | 15 |
| Spring | | |
| BIO 490 | Senior Project (satisfies GEAR requirement; May also satisfy GE Area E, see major advisor) | 3 |
| Major Elective | | 4 |
| Elective to meet 120 units | | 3 |
| PHY 122 | Elements Of Physics II | 4 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

First Year

| Fall | | Hours |
|--|--|-----------|
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| Hours | | 15 |

Spring

| | | |
|---|---------------------------------|-----------|
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics (satisfies GE Area B5) | 3 |
| BIO 342 | Cell And Genetics Lab | 1 |
| Major Elective | | 4 |
| Hours | | 14 |

Second Year

| Fall | | Hours |
|----------------------------|-----------------------|-----------|
| BIO UD Requirement Lecture | | 3 |
| BIO UD Requirement Lab | | 1 |
| Major Elective | | 4 |
| Elective to meet 120 units | | 3 |
| PHY 120 | Elements Of Physics I | 4 |
| Hours | | 15 |

Spring

| | | |
|----------------------------|--|-----------|
| BIO 490 | Senior Project (satisfies GVAR requirement; May also satisfy GE Area E if needed, see major advisor) | 3 |
| PHY 122 | Elements Of Physics II | 4 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 60 |

Biology, Bachelor of Science Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required. However, for students who wish to complete the Biochemistry minor, Organic Chemistry is considered a pre-

requisite class for both programs and therefore can be double counted for both major and minor requirements.

Major Requirements (76-84 units)

Students must select one of the options listed.

All courses applied to the B.S. in Biology must be passed with a grade of "C" or better.

Cellular and Molecular Biology Option (76-81 units)

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Lab I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4-5 |

or MAT 191 Calculus I

| | |
|------------------------------|--|
| Select one of the following: | 8-10 |
| PHY 120 & PHY 122 | Elements Of Physics I and Elements Of Physics II |
| PHY 130 & PHY 132 | General Physics I and General Physics II |

Upper Division Requirements

| | | |
|------------|----------------------------|---|
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics | 3 |
| BIO 342 | Cell And Genetics Lab | 1 |
| BIO 421 | Advanced Molecular Biology | 3 |
| or BIO 440 | Molecular Genetics | |
| BIO 490 | Senior Project | 3 |

Select one of the following: 4-5

| | |
|-------------------|---|
| CHE 310 & CHE 311 | Organic Chemistry I and Organic Chemistry Lab I |
| CHE 300 & CHE 301 | Organic Chemistry I and Organic Chemistry Lab I |

Select one of the following: 4-5

| | |
|-------------------|--|
| CHE 312 & CHE 313 | Organic Chemistry II and Organic Chemistry Laboratory II |
| CHE 302 & CHE 303 | Organic Chemistry II and Organic Chemistry Lab II |

Select one of the following: 4

| | |
|-------------------|---|
| BIO 310 & BIO 311 | Plant Physiology and Plant Physiology Laboratory |
| BIO 312 & BIO 313 | Animal Physiology and Animal Physiology Laboratory |
| BIO 314 & BIO 315 | Developmental Biology and Developmental Biology Lab |

| | | |
|--|---|----|
| BIO 326 & BIO 327 | General Microbiology and General Microbiology Laboratory | |
| Select a minimum of 10 additional units of upper division Biology or Chemistry Courses | | 10 |

Total Hours 76-81

Ecology and Environmental Biology Option (76-81 units)

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Lab I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4-5 |
| or MAT 191 | Calculus I | |

Select one of the following: 8-10

| | | |
|----------------------|---|--|
| PHY 120 & PHY 122 | Elements Of Physics I and Elements Of Physics II | |
| PHY 130 & PHY 132 | General Physics I and General Physics II | |

Upper Division Requirements

| | | |
|---------|------------------------------|---|
| BIO 312 | Animal Physiology | 3 |
| BIO 313 | Animal Physiology Laboratory | 1 |
| BIO 330 | Botany | 3 |
| BIO 331 | Botany Laboratory | 1 |
| BIO 332 | Ecology | 3 |
| BIO 333 | Ecology Laboratory | 1 |
| BIO 340 | Genetics | 3 |
| BIO 490 | Senior Project | 3 |

Select one of the following: 4-10

| | | |
|----------------------|---|--|
| CHE 310 & CHE 311 | Organic Chemistry I and Organic Chemistry Lab I | |
| CHE 300 & CHE 301 | Organic Chemistry I and Organic Chemistry Lab I | |
| CHE 312 & CHE 313 | Organic Chemistry II and Organic Chemistry Laboratory II | |
| CHE 302 & CHE 303 | Organic Chemistry II and Organic Chemistry Lab II | |
| CHE 316 & CHE 317 | Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory | |

Select a minimum of 9-15 additional units of upper division Biology, Chemistry, Anthropology or Earth Science courses approved by a Biology advisor

Total Hours 72-87

Microbiology Option (79-84 units)

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Lab I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4-5 |

or MAT 191 Calculus I
Select one of the following: 8-10

| | | |
|----------------------|---|--|
| PHY 120 & PHY 122 | Elements Of Physics I and Elements Of Physics II | |
| PHY 130 & PHY 132 | General Physics I and General Physics II | |

Upper Division Requirements

| | | |
|---------|--|---|
| BIO 320 | Cell Biology | 3 |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| BIO 340 | Genetics | 3 |
| BIO 425 | Medical Bacteriology | 2 |
| BIO 435 | Medical Bacteriology Laboratory | 2 |
| BIO 426 | Immunology | 3 |
| BIO 436 | Immunology Laboratory | 1 |
| BIO 490 | Senior Project ¹ | 3 |

Select one of the following: 4-5

| | | |
|----------------------|--|--|
| CHE 310 & CHE 311 | Organic Chemistry I and Organic Chemistry Lab I | |
| CHE 300 & CHE 301 | Organic Chemistry I and Organic Chemistry Lab I | |

Select one of the following: 4-5

| | | |
|----------------------|---|--|
| CHE 312 & CHE 313 | Organic Chemistry II and Organic Chemistry Laboratory II | |
| CHE 302 & CHE 303 | Organic Chemistry II and Organic Chemistry Lab II | |

Electives

Select a minimum of 9 units from the following: 9

| | | |
|----------------------|---|--|
| BIO 420 & BIO 419 | Histotechnology and Histotechnology Laboratory | |
| BIO 421 | Advanced Molecular Biology | |
| BIO 422 & BIO 424 | Histology and Histology Laboratory | |
| BIO 428 | Virology | |
| BIO 458 & BIO 459 | Human Parasitology and Human Parasitology Laboratory | |
| BIO 491 | Seminar in Biological and Biomedical Research | |

| | | |
|--------------------|---------------------------------------|--------------|
| CHE 450 & CHE 451 | Biochemistry I and Biochemistry I Lab | |
| CHE 450 & CHE 456 | Biochemistry I and Clinical Chemistry | |
| Total Hours | | 79-84 |

¹ BIO 490 Senior Project: Major students may substitute this course for General Education Area E. Please contact the University Advisement Center to request the course substitution.

Program Learning Outcomes

Upon successful completion of the B.A. and B.S. Programs in Biology, a degree recipient will be able to:

- Describe the detail the major unifying themes of biology, such as evolution, energy flow and transformation, homeostasis, genetic information storage and utilization, structure-function relationships, and hierarchies of organization.
- Apply scientific reasoning to generate and test hypotheses by designing and executing experiments using appropriate methods in the laboratory or in the field.
- Analyze and interpret quantitative biological data.
- Communicate scientific information in a variety of written and oral formats.
- Discuss the relevance of scientific research to society from a historic and a modern perspective, including the ethical implications of scientific research and of new technology.
- Find, read, understand, critically evaluate, summarize, and use scientific information.

Cellular and Molecular Biology Option 4-Year Degree Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| MAT 131 | Elementary Statistics and Probability (satisfies GE Area B4) | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C1 Arts Course | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| CHE 108 | Introduction to College Chemistry | 5 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| BIO 120 | Principles of Biology I (may meet GE Area B2 for BIO majors) | 3 |
| BIO 121 | Principles of Biology Laboratory I (may meet GE Area B3 for BIO majors) | 1 |

| | | |
|---|--|--------------|
| CHE 110 | General Chemistry I (May meet GE Area B1 and B3 for BIO majors) | 5 |
| Hours | | 15 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| CHE 112 | General Chemistry II | 5 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 16 |
| Spring | | |
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics (satisfies GE Area B5) | 3 |
| BIO 342 | Cell And Genetics Lab | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| BIO UD requirement lecture | | 3 |
| BIO UD requirement lab | | 1 |
| BIO 421 | Advanced Molecular Biology (or major elective) | 3 |
| Major Elective | | 4 |
| PHY 120 | Elements Of Physics I | 4 |
| Hours | | 15 |
| Spring | | |
| BIO 440 | Molecular Genetics (or major elective) | 3 |
| BIO 490 | Senior Project (satisfies GEAR requirement; May also satisfy GE Area E, see major advisor) | 3 |
| PHY 122 | Elements Of Physics II | 4 |
| Major Elective | | 3 |
| Hours | | 13 |
| Total Hours | | 122 |
| 2-Year Roadmap (transfer students) | | |
| Course | Title | Hours |
| First Year | | |
| Fall | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| Hours | | 16 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics (satisfies GE Area B5) | 3 |
| BIO 342 | Cell And Genetics Lab | 1 |

| | | |
|----------------------------|--|-----------|
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| BIO 421 | Advanced Molecular Biology (or major elective) | 3 |
| PHY 120 | Elements Of Physics I | 4 |
| BIO UD requirement lecture | | 3 |
| BIO UD requirement lab | | 1 |
| Major Elective | | 4 |
| Hours | | 15 |
| Spring | | |
| BIO 440 | Molecular Genetics (or major elective) | 3 |
| BIO 490 | Senior Project (satisfies GEAR requirement; May also satisfy GE Area E if needed, see major advisor) | 3 |
| PHY 122 | Elements Of Physics II | 4 |
| Major Elective | | 4 |
| Hours | | 14 |
| Total Hours | | 60 |

ECOLOGY AND ENVIRONMENTAL BIOLOGY OPTION

4- Year Degree Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C1 Arts Course | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| MAT 131 | Elementary Statistics and Probability (satisfies GE Area B4) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| GE Area C2 Letters Course | | 3 |
| Additional lower division GE in Area C1 or C2 | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| CHE 108 | Introduction to College Chemistry | 5 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| BIO 120 | Principles of Biology I (may meet GE Area B2 for BIO majors) | 3 |
| BIO 121 | Principles of Biology Laboratory I (May meet GE Area B3 for BIO majors) | 1 |
| CHE 110 | General Chemistry I (May meet GE Area B1 and B3 for BIO majors) | 5 |
| Hours | | 15 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| CHE 112 | General Chemistry II | 5 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| BIO 124 | Principles of Biology III | 3 |

| | | |
|---|---|--------------|
| BIO 125 | Principles of Biology Lab III | 1 |
| CHE 310 | Organic Chemistry I | 3-4 |
| or CHE 316 | or Survey of Organic Chemistry | |
| CHE 311 | Organic Chemistry Lab I | 1 |
| or CHE 317 | or Survey of Organic Chemistry Laboratory | |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15-16 |
| Spring | | |
| BIO 332 | Ecology | 3 |
| BIO 333 | Ecology Laboratory | 1 |
| BIO 340 | Genetics (satisfies GE Area B5) | 3 |
| CHE 312 | Organic Chemistry II (or major elective) | 3 |
| CHE 313 | Organic Chemistry Laboratory II (or major elective) | 2 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |

| | | |
|--------------------|--|----------------|
| Fourth Year | | |
| Fall | | |
| BIO 312 | Animal Physiology | 3 |
| BIO 313 | Animal Physiology Laboratory | 1 |
| BIO 330 | Botany | 3 |
| BIO 331 | Botany Laboratory | 1 |
| PHY 120 | Elements Of Physics I | 4 |
| Major Elective | | 4 |
| Hours | | 16 |
| Spring | | |
| BIO 490 | Senior Project (satisfies GEAR requirement; May also satisfy GE Area E, see major advisor) | 3 |
| PHY 122 | Elements Of Physics II | 4 |
| Major Elective | | 3 |
| Major Elective | | 3 |
| Hours | | 13 |
| Total Hours | | 122-123 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|--------------|
| First Year | | |
| Fall | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 310 | Organic Chemistry I | 3-4 |
| or CHE 316 | or Survey of Organic Chemistry | |
| CHE 311 | Organic Chemistry Lab I | 1 |
| or CHE 317 | or Survey of Organic Chemistry Laboratory | |
| Hours | | 15-16 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| BIO 340 | Genetics (satisfies GE Area B5) | 3 |
| BIO 332 | Ecology | 3 |
| BIO 333 | Ecology Laboratory | 1 |
| CHE 312 | Organic Chemistry II (or major elective) | 3 |
| CHE 313 | Organic Chemistry Laboratory II (or major elective) | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| BIO 312 | Animal Physiology | 3 |
| BIO 313 | Animal Physiology Laboratory | 1 |
| BIO 330 | Botany | 3 |

| | | |
|----------------------------|--|--------------|
| BIO 331 | Botany Laboratory | 1 |
| PHY 120 | Elements Of Physics I | 4 |
| Major Elective | | 4 |
| Hours | | 16 |
| Spring | | |
| BIO 490 | Senior Project (GWAR satisfying course; May also satisfy GE Area E if needed, see major advisor) | 3 |
| PHY 122 | Elements Of Physics II | 4 |
| Major Elective | | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 62-63 |

Microbiology Option 4-Year Degree Roadmap

2- Year Roadmap (transfer students)

Biology, Master of Science About the Master's Program

The Master of Science Program in Biology is a two-year program in which a student must complete a series of both core and elective courses and engage in independent scientific research that culminates in a thesis. This graduate program is designed to be a flexible degree that can help students reach their career goals, whether that be further study in a doctoral program or employment in science education, health sciences or environmental fields.

In the first semester of the program, the student will choose a research mentor who will provide guidance for the thesis research and help the student set their curriculum. Three members of the student's thesis committee, including the research mentor, will need to be selected by the end of the first year of the program.

To accommodate students with other professional commitments, many graduate classes are scheduled in the late afternoon and evening.

Admission Requirements

Requirements for admission as a classified graduate student are a bachelor's degree in biology or a related field with a minimum grade point average of 2.75 in upper division courses, and completion of the Graduation Writing Assessment Requirement (GWAR) at the graduate level. Students should also have strong motivation in conducting original research. All students should have completed a course in each of the subject areas listed below:

Subject Area

- Cell Biology or Evolution or Ecology
- Genetics
- Upper Division Experimental Laboratory
- Physiology or Developmental Biology
- Statistics or Calculus

Students who do not satisfy all these requirements may complete the requirements while enrolled through Extended Education. Students who meet all but one requirement may be admitted as a conditionally classified graduate student at the discretion of the Biology Graduate

Committee. They must meet any conditions by the end of the first year as a conditional graduate student.

The Biology Graduate Committee makes all final decisions on graduate admissions.

Admission Procedures

All applicants are required to complete a Cal State Apply application. The following documents should be submitted in the 4th Quadrant at Cal State Apply:

1. CV/resume,
2. Unofficial transcripts (submit official transcripts to the Office of Admissions),
3. A personal statement, and
4. Three letters of recommendation.

Applicants with a baccalaureate degree from a non-English speaking university are also required to submit proof of English proficiency. Please visit <http://www.csudh.edu/englishproficiency> (<http://www.csudh.edu/englishproficiency/>) for details. Applicants should address in their personal statement why they are interested in the program and which research area(s) they wish to pursue. Applicants interested in ecology and/or evolutionary biology must contact the appropriate faculty member(s) in the Biology Department before submitting their Cal State Apply application. Applicants interested in cellular and molecular biology should indicate potential research mentors in their personal statement, and they are also encouraged to contact possible mentors.

For more information regarding the university application for admission, please visit: <https://www.csudh.edu/gsr/graduate-studies/>

Requirements

Degree Requirements (30 units)

The Master of Science Degree in Biology requires completion of 30 units, at least 15 of which must be graduate (500-level) courses in biology.

| Code | Title | Hours |
|--|--------------------------------|-------|
| Required Courses | | |
| BIO 501 | Biological Literature | 3 |
| BIO 502 | Biostatistics | 3 |
| BIO 504 | Research Techniques in Biology | 3 |
| BIO 510 | Urban Environmental Science | 3 |
| or BIO 520 | Adv In Cell & Molecul Bio | |
| BIO 590 | Graduate Seminar ¹ | 2 |
| BIO 590 | Graduate Seminar ¹ | 2 |
| Electives | | |
| Select 14 units from the following: ² | | 14 |
| Other graduate (500 level) courses in biology ³ | | |
| Upper division (400 level) courses in biology | | |
| BIO 597 | Directed Reading ⁴ | |
| BIO 598 | Directed Research ⁴ | |
| BIO 599 | Thesis ⁴ | |
| CHE 450 | Biochemistry I | |
| CHE 451 | Biochemistry I Lab | |
| CHE 452 | Biochemistry II | |
| CHE 453 | Biochemistry II Lab | |

Students doing research in ecology can also take the following courses:

| | |
|---------|-------------------------------------|
| GEO 408 | Remote Sensing and Image Processing |
| GEO 415 | Geographic Information Systems |

Total Hours **30**

¹ Students will take BIO 590 Graduate Seminar twice for a total of 4 units.

² Students might also take 400 or 500-level courses from other departments if approved by the research mentor and the Biology Graduate Program Coordinator.

³ A required course indicated as being repeatable may be used both as a required course and as an elective.

⁴ **Note:** Students may count a maximum of six units of BIO 597 Directed Reading and BIO 598 Directed Research, and a maximum of six units of BIO 599 Thesis.

Students must take all courses within five years of the date of graduation from the Master's degree. If approved by the Graduate Committee and the Graduate Dean, a student may revalidate a limited number of courses. However, under no circumstances can a course taken more than seven years before graduation be revalidated and counted in the program.

Grades

To graduate, students must maintain an overall "B" (GPA: 3.0), and they must pass courses with a grade of "B-" or above.

Thesis

Each student should select a major advisor to guide them in their program. The student and the major advisor will select two or more faculty to serve as the student's graduate committee. At least two of the committee, including the chair, must be faculty from the CSUDH biology department. When additional expertise is required, the third member may be a faculty member from another department, or other academic institution.

The thesis is appropriate for all students and a necessity for those who plan a career in research and plan to continue a doctoral program. The student and his or her major advisor will prepare a one or two page hypothesis-based proposal of the thesis research along with the time line of no more than two years to completion. This proposal is also to be approved by the two other members of the student's thesis committee and submitted to the Biology Graduate Committee for review and approval.

Upon the completion and acceptance of the thesis, the student and his or her advisor will arrange for an oral defense of the thesis. This ordinarily takes the form of a seminar to which the faculty, students, and public are invited to attend.

Continuing Student Status

Students should maintain continuous enrollment throughout their time in the graduate program. Students who have completed their course work and are working on their thesis may enroll in BIO 600: Graduate Continuation Course (0 units) to maintain continuous attendance. Eligible students may request a Planned Graduate Student Leave. Students must be enrolled the semester they graduate.

Biology Graduate Program Policy on Revalidation of Outdated Course Work

The Biology Department requires that all course work taken in the master's degree program be completed within five years immediately preceding the date of graduation.

Revalidation of outdated course work may be requested from the University Graduate Studies Office through the Biology Graduate Coordinator. Outdated course work means courses that were completed earlier than five years, and no more than seven years, immediately preceding the date of graduation. The request must be accompanied by a petition from the Biology Graduate Committee that verifies that the student has done one of the following:

- repeated the course and passed it with a grade of "B" or better;
- taken the exams and completed the assignments of the course as it is currently offered and earned a grade of "B" or better;

The choice of the revalidation method is at the discretion of the Biology Graduate Committee,

Classified Standing

If a student has been admitted as conditionally classified, they must fulfill the conditions for classified standing by the end of the first year after admission. The student must submit an application for classified standing to the Dean of Graduate Studies, who will forward the request to the Biology Graduate Coordinator. To receive classified standing, the student must have completed all prerequisite courses and requirements, a grade point average of 3.0 or better in all courses taken at CSUDH, and received a grade of "B-" or better in all courses,

Advancement to Candidacy

An application for advancement to candidacy is submitted when the student has completed most of the course work and is completing the thesis. Application is made through the Biology Graduate Coordinator and must be done before the student can complete the thesis. This application will list the student's program of courses and other requirements which must be completed for the degree.

The student should have:

- classified standing;
- completed all required courses;
- maintained a minimum grade point average of 3.0 and received a grade of "B-" or better in all courses taken in the graduate program;
- approval of their thesis proposal by their committee and the Biology Graduate Committee.

Master's Requirements

In addition to the program requirements, students must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Requirements for the Master's Degree."

- Critically read, comprehend, and summarize original research papers in biology.
- Write in a variety of scientific formats, including manuscript describing experimental results, thesis, grant proposals, conference abstract, and literature review.

- Apply appropriate statistical analyses to experimental design and experimental results.
- Make oral presentations in acceptable formats describing information in the scientific literature and describing personal research results.
- Apply the scientific method to answer questions in biology through the design and conduct of hypothesis-driven experimental research projects.
- Demonstrate a thorough and sophisticated knowledge base in biology and describe in detail the current knowledge in at least one specialized field of the biological sciences.
- Defend the thesis in a seminar setting.
- Demonstrate responsible ethical and professional conduct related to biology in all facets of their education.
- Communicate scientific concepts and issues to a general audience.

Biology, Minor

Requirements

The Biology Minor requires 26-27 units: 17 units are lower division requirements, which may also be used, where allowed, to satisfy General Education requirements; 9-10 units of upper division biology courses are required.

| Code | Title | Hours |
|---|---|--------------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Lab I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| CHE 110 | General Chemistry I | 5 |
| Upper Division Requirements | | |
| Select 9 to 10 units from the following for which the prerequisites have been met: ¹ | | 9-10 |
| BIO 250 & BIO 251 | Elem Hum Anat & Physiol and Elem Hum Anatomy Phys Lab | |
| BIO 220 & BIO 221 | Molecular Biology and Molecular Biology Laboratory | |
| BIO 3xx | | |
| BIO 4xx | | |
| No more than three units from the following: | | |
| BIO 394 | Independent Study | |
| BIO 496 | Internship in Biology | |
| BIO 498 | Directed Research in Biology | |
| Total Hours | | 26-27 |

¹ At least six units must be taken at the 300- or 400-level. Six units must be taken in residence.

Biology, Subject Matter Preparation

The Subject Matter Preparation Program is authorized by the California Commission on Teacher Credentialing. This course of study includes a number of prescribed courses that address proficiency standards for

content knowledge required for the Single Subject credential in Biological Sciences. Interested students should contact the departmentally designated advisor for current information.

Specific Biological Sciences Subject Matter Authorization (65 units)

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an additional Specific Biological Sciences Subject Matter Authorization that allows the holder to teach the specific subjects in grades preschool, K-12, and classes organized primarily for adults.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the College of Education Student Services Center.

Requirements

Complete each of the following courses or equivalent as approved by the Biology Department Advisor.

| Code | Title | Hours |
|------------------------------------|---|-----------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Lab I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| EAR 100 | Physical Geology | 3 |
| EAR 101 | Physical Geology Laboratory | 1 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 171 | Survey of Calculus for Management and Life Sciences | 4 |
| PHY 120 | Elements Of Physics I | 4 |
| PHY 122 | Elements Of Physics II | 4 |
| Upper Division Requirements | | |
| BIO 312 | Animal Physiology | 3 |
| BIO 313 | Animal Physiology Laboratory | 1 |
| BIO 332 | Ecology | 3 |
| BIO 333 | Ecology Laboratory | 1 |
| BIO 340 | Genetics | 3 |
| BIO 490 | Senior Project | 3 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| EAR 416 | Earth Sciences for Teachers | 3 |
| Total Hours | | 65 |

Microbiology, Minor

Requirements

The Microbiology Minor requires 44-47 units: 18 units are lower division courses, which also may be used, where allowed, to satisfy General

Education requirements; 26-29 units of upper division biology and chemistry courses are required.

| Code | Title | Hours |
|------------------------------------|--|--------------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Lab I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology II Lab | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| Upper Division Requirements | | |
| Select one of the following: | | 3-5 |
| BIO 320 | Cell Biology | |
| CHE 450 & CHE 451 | Biochemistry I and Biochemistry I Lab | |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| BIO 426 | Immunology | 3 |
| BIO 436 | Immunology Laboratory | 1 |
| BIO 428 | Virology | 3 |
| Select one of the following: | | 4-5 |
| CHE 310 & CHE 311 | Organic Chemistry I and Organic Chemistry Lab I | |
| CHE 316 & CHE 317 | Survey of Organic Chemistry and Survey of Organic Chemistry Laboratory | |
| Select 8 units from the following: | | 8 |
| BIO 310 | Plant Physiology | |
| BIO 311 | Plant Physiology Laboratory | |
| BIO 425 | Medical Bacteriology | |
| BIO 435 | Medical Bacteriology Laboratory | |
| BIO 458 | Human Parasitology | |
| BIO 459 | Human Parasitology Laboratory | |
| CHE 452 | Biochemistry II | |
| Total Hours | | 44-47 |

Biophysics

College of Natural and Behavioral Sciences
Department of Physics

Program Description & Features

The Biophysics program will train future professionals to research the physical and chemical aspects of biological phenomena, applying their knowledge of physics to the study of biological systems. Due to the interdisciplinary nature of the field, a biophysics major will employ a broad range of techniques such as spectroscopy, computational modeling, microscopy, mass spectrometry, and electrophysiology in the course of their research. The program emphasizes practical application of a wide range of theories and principles through laboratory experimentation and course lectures, which cover essential topics such as General Physics, Organic chemistry, Calculus, Biology, Optics, and Laser Physics. The program will have two options:

Option 1: Research Focus. This option provides research training to students. Students will complete a research portfolio. This will be done

in special classes for research. This will show the students' progress through the program and how each of the PLOs are met. Students in this track are required to undertake at least 3 units of research studies. This can be accomplished by doing research with a selected faculty on campus or by completing an intensive summer research program.

Option 2: Professional Focus. This option is designed to prepare students for the healthcare industry. As part of this track, students are required to complete 30 volunteer hours in their profession of interest and shadow a practitioner for at least 8 weeks which is tied to an elective designed as a service-learning course.

Academic Advising

Students will be assigned to an advisor and will be expected to meet with their advisor once every semester. All students will use Smart Planner to track their progress. Students should set up an advisement appointment with a faculty member or an advisor in the CNBS Student Success Center when they need to discuss the following:

1. Major requirements.
2. Switching or declaring options within the major.
3. Submitting a graduation application.
4. Graduate school and other career goals.

Preparation

To be on target for a 4-year graduation pathway, it would be ideal if all students have at least taken Pre-Calculus, Biology, Chemistry, and Physics at the high school level.

It is also recommended that students participate in extracurricular research activities while in high school. Moreover, students could benefit more if they took calculus in high school.

Graduation with Honors

Undergraduate students who have met the following criteria will be awarded departmental honors at graduation:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
 2. An overall grade point average of 3.6 for upper-division courses taken for the major at CSUDH.
- Biophysics, Bachelor of Science (p. 412)

BPH 201. Seminar I: Introduction to Biophysics. (1 Units)

Prerequisite: PHY 120. Course is designed to inform students about the field of biophysics, its career applications, and college success. Students will understand how physics can be integrated into biology and explore basic computational tools through a tutorial approach. Offered Fall

BPH 202. Seminar II: The Art of Scientific Presentation and The Frontiers of Physics. (1 Units)

Prerequisites: BPH 201, PHY 120 are required or consent of instructor. Students learn how to prepare and give presentations on their research interests or discipline topics. Emphasis is given to the preparation, execution, and critique of effective scientific presentations. Offered Spring, Summer

BPH 330. Biological Physics. (3 Units)

Prerequisites: BIO 122, BPH 202, PHY 306 and CHE 310 are required. Introduction to the interface between biology and physics, applying the results of thermodynamics to topics such as protein folding, molecular machines, brain function, with a focus on molecular and cellular biology. Offered Fall

BPH 340. Experimental Biophysics. (3 Units)

Prerequisites: BPH 202, BIO 122, CHE 310 and PHY 306 are required. Co requisite: PHY 346 is required. A laboratory course introducing interdisciplinary research techniques and research writing in biophysics. Basic concepts behind commonly used biological techniques and how to collect and communicate discipline-specific data. Offered Spring

BPH 402. BIOPHYSICS RESEARCH. (1-3 Units)

Prerequisite: PHY 306, BPH 340, or faculty permission. An independent research project, supervised by a faculty mentor in the physics or biophysics department.

BPH 406. Computational Biophysics. (3 Units)

Prerequisites: PHY 306, BPH 330, BPH 340. An introduction to scientific computational methods and their application in physics, using various numerical and symbolic computing techniques.

BPH 410. Medical Biophysical Education and Medical Industry Impact on Society. (3 Units)

Prerequisites: BPH 201, BPH 202, BPH 340. This course will help students meet the criteria for professional schools. The students will practice professional communication skills through healthcare practices. The course's service-learning component requires shadowing of healthcare professionals for eight weeks and completing thirty volunteer hours with community organizations.

BPH 460. Advanced Microscopy. (3 Units)

Prerequisite: PHY 306, PHY 320, BPH 330, BPH 340. An introduction to the use of quantitative fluorescence microscopy procedures in modern biophysics laboratories.

Biophysics, Bachelor of Science

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (Options 1 & 2: 78 units each)

Students must select one of the options listed below. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|--|-------|
| A. Common Core Requirements (51 units) | | |
| 1. Lower Division Courses (43 units) | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BPH 202 | SeminarII: The Art of Scientific Presentation and The Frontiers of Physics | 1 |
| BPH 201 | Seminar I: Introduction to Biophysics | 1 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| PHY 120 | Elements Of Physics I | 4 |
| PHY 122 | Elements Of Physics II | 4 |
| 2. Upper-Division Courses (8 units) | | |
| BIO 340 | Genetics | 3 |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| B. Major Requirements | | |
| Option 1: Research Focus | | |
| 1. Upper-Division Courses (19-21 units) | | |
| BPH 330 | Biological Physics | 3 |
| BPH 340 | Experimental Biophysics | 3 |
| BPH 402 | BIOPHYSICS RESEARCH | 1-3 |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 320 | Physical Optics | 3 |
| PHY 346 | Thermal Physics | 3 |
| 2. Electives (6 units) | | |
| Students within this option must take BPH 406 and/or BPH 460 or any elective from Biophysics, Physics, Mathematics, Chemistry or Biology | | |
| Option 2: Professional Focus | | |
| 1. Lower Division Course (3 units) | | |
| BIO 220 | Molecular Biology | 3 |
| 2. Upper-Division Courses (19-21 units) | | |
| BPH 330 | Biological Physics | 3 |
| BPH 340 | Experimental Biophysics | 3 |
| BPH 410 | Medical Biophysical Education and Medical Industry Impact on Society | 3 |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 320 | Physical Optics | 3 |
| PHY 346 | Thermal Physics | 3 |
| 3. Electives (6 units) | | |

Students in this option must take two electives from Biophysics, Physics, Mathematics, Chemistry or Biology 6

- **Outcome 1: Students will demonstrate the acquisition of discipline-specific knowledge in physics.**
 - *Objective 1:* Students will be able to memorize and cite central physics concepts.
 - *Objective 2:* Students will be able to explain central physics concepts and show an understanding of the context in which they are relevant.
- **Outcome 2: Students will demonstrate the ability to connect physics concepts with concepts from other disciplines.**
 - *Objective 1:* Students will identify and apply central concepts in their chosen track of Biophysics
 - *Objective 2:* Students will apply mathematics, biology and/or chemistry, and computer skills to theoretical or experimental problems in a cross-disciplinary environment.
- **Outcome 3: Students will become skilled in biophysics experimental methods and use various scientific technologies**
 - *Objective 1:* Students will solve problems using their knowledge and skills in physics
 - *Objective 2:* Students will explain how science relates to problems of societal concern
- **Outcome 4: Students will become skilled in biophysics experimental methods and use various scientific technologies**
 - *Objective 1:* Students will learn to collect, analyze, and explain data from biophysics experiments
 - *Objective 2:* Students will design and carry out simple experiments
 - *Objective 3:* Students will be able to connect science and technology to real-world problems
 - *Objective 4:* Students will understand the interrelations between theory and observation; the role of systematic and random experimental errors and methods used to analyze experimental uncertainty and compare experiments with theory.
- **Outcome 5: Students will communicate biophysics concepts effectively both orally and in writing**
 - *Objective 1:* Students will write technical reports on projects
 - *Objective 2:* Students will explain their research work according to academic and industry standards
- **Outcome 6: Students will demonstrate the ability to read and comprehend scientific literature**
 - *Objective 1:* Students will demonstrate an ability to read and comprehend primary literature in at least one field of physics through successful discussion/debate and presentation of concepts in the chosen field according to academic and industry standards
 - *Objective 2:* Students will learn how to conduct literature reviews and use the library database to find relevant information
 - *Objective 3:* Students will demonstrate the ability to critically read and analyze their own work and the scientific literature and understand its impact on healthcare and society
- **Outcome 7: Students will use offered resources to pursue higher education or training (biophysics, professional studies, workforce) and engage as good citizens in a diverse community**
 - *Objective 1:* Students will be securing enrollment in graduate studies in physics/professional studies

- *Objective 2:* Students will develop well-rounded, competitive applicants' packets for application in the medical and health science fields
- *Objective 3:* Students will demonstrate workforce readiness (job applications and work performance and skills). For example, biophysicist has a career in instrumentation and devices, biomedical engineering, academic and clinical research, healthcare, etc.
- *Objective 4:* Students will identify issues of diversity and equity in scholarly circles and the workforce - and will understand tools and actions which can mediate these challenges in their professional careers and environments
- **Outcome 8: Students will apply physical techniques to biological systems in diverse professional subdisciplines.**
 - *Objective 1:* Students will identify the biological, chemical, and physical properties of organisms on a molecular and cellular level
 - *Objective 2:* Students will solve problems involving the physics of biological materials
 - *Objective 3:* Students will demonstrate a conceptual understanding of the connections between physics and biology
 - *Objective 4:* Students will successfully complete a research project in the field of biophysics
 - *Objective 5:* Students will study diverse STEM fields and know the basic application of their major biological systems tools
 - *Objective 6:* Students will demonstrate basic knowledge and skill set compatible with success in health professional programs.

4-YEAR ROADMAP

| Course | Title | Hours |
|--|---------------------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| PHY 120 | Elements Of Physics I | 4 |
| MAT 191 | Calculus I | 5 |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| Hours | | 16 |
| Spring | | |
| PHY 122 | Elements Of Physics II | 4 |
| MAT 193 | Calculus II | 5 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| GE Area A2 Written Communication | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CHE 110 | General Chemistry I | 5 |
| MAT 211 | Calculus III | 5 |
| BPH 201 | Seminar I: Introduction to Biophysics | 1 |
| HIS 101 | History Of United States | 3 |
| GE Area A3 Logical/Critical Reasoning | | 3 |
| Hours | | 17 |
| Spring | | |
| CHE 112 | General Chemistry II | 5 |
| BPH 201 | Seminar I: Introduction to Biophysics | 1 |
| POL 101 | American Institutions | 3 |
| GE Area D1 Perspectives on Individual Groups and Society | | 3 |
| GE Area C1 Arts | | 3 |
| Hours | | 15 |

Third Year

| Fall | | |
|--------------------|-------------------------|-----------|
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| BPH 340 | Experimental Biophysics | 3 |
| PHY 346 | Thermal Physics | 3 |
| GE Area C2 Letters | | 3 |
| Hours | | 14 |

Spring

| | | |
|---|-------------------------|-----------|
| PHY 320 | Physical Optics | 3 |
| PHY 306 | Math Methods In Physics | 3 |
| BPH 330 | Biological Physics | 3 |
| GE Area C1 or C2 Arts or Letters | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |

Fourth Year

| Fall | | |
|---|-------------------------|-----------|
| BIO 340 | Genetics | 3 |
| BPH 402 | BIOPHYSICS RESEARCH | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |

Spring

| | | |
|--|---|------------|
| GE Area F Ethnic Studies | | 3 |
| BPH 406 | Computational Biophysics or BPH 460 or Advanced Microscopy | 3 |
| GE Area E Lifelong Learning and Self Development | | 3 |
| Any Elective in BPH/BIO/CHE/PHY | | 3 |
| Hours | | 12 |
| Total Hours | | 120 |

2-YEAR ROADMAP

| Course | Title | Hours |
|---|--|-----------|
| Third Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| BPH 201 | Seminar I: Introduction to Biophysics | 1 |
| PHY 346 | Thermal Physics | 3 |
| GE Area C3 Integrated Studies in the Humanities | | 3 |
| Elective | | 2 |
| Hours | | 14 |
| Spring | | |
| PHY 320 | Physical Optics | 3 |
| PHY 306 | Math Methods In Physics | 3 |
| BPH 202 | SeminarII: The Art of Scientific Presentation and The Frontiers of Physics | 1 |
| GE Area D3 Integrated Studie in the Social Sciences | | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| BPH 330 | Biological Physics | 3 |
| BPH 340 | Experimental Biophysics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| BIO 340 | Genetics | 3 |

| | | |
|-----------------------------|---|-----------|
| BPH 402 | BIOPHYSICS RESEARCH | 3 |
| BPH 406 | Computational Biophysics or BPH 460 or Advanced Microscopy | 3 |
| Elective in BPH/BIO/CHE/PHY | | 3 |
| Elective | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

4-YEAR ROADMAP

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| PHY 120 | Elements Of Physics I | 4 |
| MAT 191 | Calculus I | 5 |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| Hours | | 16 |
| Spring | | |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| PHY 122 | Elements Of Physics II | 4 |
| MAT 193 | Calculus II | 5 |
| GE Area A2 Written Communication | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CHE 110 | General Chemistry I | 5 |
| MAT 211 | Calculus III | 5 |
| BPH 201 | Seminar I: Introduction to Biophysics | 1 |
| HIS 101 | History Of United States | 3 |
| GE Area A3 Logical/Critical Reasoning | | 3 |
| Hours | | 17 |
| Spring | | |
| CHE 112 | General Chemistry II | 5 |
| BPH 202 | SeminarII: The Art of Scientific Presentation and The Frontiers of Physics | 1 |
| POL 101 | American Institutions | 3 |
| GE Area D1 Perspectives on Individuals, Groups and Society | | 3 |
| GE Area C1 Arts | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| BIO 220 | Molecular Biology | 3 |
| BPH 340 | Experimental Biophysics | 3 |
| PHY 346 | Thermal Physics | 3 |
| GE Area C2 Letters | | 3 |
| Hours | | 17 |
| Spring | | |
| PHY 320 | Physical Optics | 3 |
| PHY 306 | Math Methods In Physics | 3 |
| BPH 330 | Biological Physics | 3 |
| GE Area C1 or C2 Arts or Letters | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| BIO 340 | Genetics | 3 |
| PHY 340 | | 3 |

| | |
|--|------------|
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Hours | 12 |
| Spring | |
| BPH 410 Medical Biophysical Education and Medical Industry Impact on Society | 3 |
| GE Area F Ethnic Studies | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |
| Elective Any Elective in BPH/BIO/CHE/PHY | 3 |
| Hours | 12 |
| Total Hours | 120 |

2-YEAR ROADMAP

| Course | Title | Hours |
|--|--|-----------|
| Third Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| BPH 201 | Seminar I: Introduction to Biophysics | 1 |
| PHY 346 | Thermal Physics | 3 |
| GE Area C3 Integrated Studies in the Humanities | | 3 |
| Elective | | 2 |
| Hours | | 14 |
| Spring | | |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 320 | Physical Optics | 3 |
| BPH 202 | SeminarII: The Art of Scientific Presentation and The Frontiers of Physics | 1 |
| GE Area D3 Integrated Studies in the Social Sciences | | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| BPH 330 | Biological Physics | 3 |
| BPH 340 | Experimental Biophysics | 3 |
| BPH 410 | Medical Biophysical Education and Medical Industry Impact on Society | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| BPH 406 or BPH 460 | Computational Biophysics or Advanced Microscopy | 3 |
| BIO 340 | Genetics | 3 |
| Elective in BPH/BIO/CHE/PHY | | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Business Administration

College of Business Administration and Public Policy

Mission of the Business Programs

We provide a quality undergraduate business education and innovative professional graduate programs to a diverse student population in the South Bay area. Our business programs prepare students for career advancement through our classroom activities and a scholarly, applied research agenda.

About

The Bachelor of Science in Business Administration program is designed to accomplish two objectives. The first of these is to prepare students for lifelong professional careers in commerce, finance and industry, as well as for management careers in the public and not-for-profit sectors. A second objective is to provide students with the knowledge and skills needed to obtain professional, entry level positions in one functional area of the business enterprise, or in some particular field of business.

The College of Business Administration and Public Policy offers Minors in Business Administration, Data Analytics, Information Systems, Marketing and Management. The Minor in Business Administration is designed for students majoring in other fields who wish to acquire a basic knowledge of business for the purpose of career preparation. The Minor in Information Systems offers students the opportunity to acquire skills and knowledge in the application of computers for business decision-making. The Minor in Marketing offers students the opportunity to acquire skills and knowledge in the application of marketing concepts for business decision-making. The Minor in Management offers students the opportunity to acquire skills and knowledge in the application of management concepts for business decision-making.

The faculty possess a particularly strong combination of academic and professional credentials. Their doctoral degrees come from the finest universities in the world. Their expertise reflects specialization in different fields of business administration as well as practical experience in business and industry. The full-time faculty is augmented by highly qualified part-time faculty drawn from the business community surrounding the University. These faculty offer students a dimension of knowledge derived from actual experience, in addition to strong academic credentials.

Student Organizations

Student Organizations include the Accounting Society, American Marketing Association, CSUDH Association of Latino Professionals for America, Finance Society, Human Resources Management Association, Information Technology Society, Latino Student Business Association, and the Logistics and Supply Chain Management Club. Students interested in participating in one of these organizations should consult the appropriate Department Chair or stop by the Office of Student Life.

The College of Business Administration and Public Policy sponsors a Department Scholars program in addition to the Epsilon Mu Chapter of Delta Mu Delta, the national honor society for students in business administration. Founded in 1914, the main purpose of Delta Mu Delta is to promote higher scholarship in training for business and to recognize and reward scholastic attainment in business subjects. The Epsilon Mu chapter was chartered in 1989. The chapter inducts eligible business students each spring semester. To be eligible for membership, students must have obtained a grade point average that ranks them in the top ten percent of their class.

Student Honor Societies

The College of Business Administration and Public Policy sponsors a Department Scholars program in addition to the Epsilon Mu Chapter of Delta Mu Delta, the national honor society for students in business administration. Founded in 1914, the main purpose of Delta Mu Delta is to promote higher scholarship in training for business and to recognize and reward scholastic attainment in business subjects. The Epsilon Mu chapter was chartered in 1989. The chapter inducts eligible business students each spring semester. To be eligible for membership, students

must have obtained a grade point average that ranks them in the top ten percent of their class.

Academic Advisement

The College of Business Administration and Public Policy Student Success Center (<https://www.csudh.edu/cbapp/student-services/academic-advising/undergraduate-advisement-center-and-student-support/>) for undergraduate majors and minors provide authoritative information concerning student advisement including concentration, graduation requirements, transfer credit, special circumstances and conditions. Students are urged to come to the Student Success Center prior to their first enrollment as Business, Criminal Justice Administration and Public Administration majors or minors, as well as following semesters.

Students wishing to receive credit in the major or minor for courses taken at other institutions; must be verified by an Advisor and approved by the respective chair of the department or the Associate Dean of the College.

The Center maintains records of progress toward completion of degree requirements for all majors and minors. These records are used for counseling purposes and to check completion of course prerequisites. All students are encouraged to come to the Center for advisement and course approvals. Students should visit the Center for course approvals when adding courses during add/drop period.

Regular office hours are Monday through Friday from 8:00 a.m. to 5:00 p.m. Students are required to schedule a major advisement appointment online on our website at <https://csudh.campus.eab.com>.

Concentration and Career Advisement are provided by faculty. Names of faculty and their areas of professional expertise available at the faculty support office (<https://www.csudh.edu/cbapp/faculty-support/>) and on the departments' websites (<https://www.csudh.edu/cbapp/departments/>). Students may obtain advice from faculty about tailoring their academic programs toward career goals, about graduate schools and programs, and about career opportunities. Students are urged to consult with faculty on these matters.

A variety of student services such as declaring a major/minor, requesting a permission number, change of program (add/drop), petitions, etc. can be initiated by students on our website at: <https://www.csudh.edu/cbapp/student-services/student-support/>. Please visit our website to learn how you can get additional services completed online.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Business Administration provided he or she meets the following criteria:

1. A minimum of 36 units in Business Administration in residence at CSUDH. At least 12 of these units must be in the concentration and three units must be from MGT 490 Strategic Management Seminar;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Possibilities

Employment opportunities for students with a Major in Business Administration exist within many areas. In the private sector, students will find employment in a wide variety of business and professional organizations including public accounting firms, banks, savings and loans, and other financial institutions, commercial and high technology

industries, and in a multitude of firms engaged in transportation, communications, and the increasingly important foreign trade sector. Furthermore, business majors are actively recruited by many not-for-profit and public organizations for their skills in accounting and financial management, marketing, computer and data processing, human resource administration, and general management. Those who want to engage in entrepreneurial activity and operate their own business also will benefit from a major in business administration. In addition, an undergraduate degree in business administration is excellent preparation for graduate study in business, law, and other academic areas offering a professional focus.

Undergraduate Programs

Bachelors

- Business Administration, Bachelor of Science (p. 418)

Minors

- Business Administration, Minor (p. 436)
- Data Analytics, Minor (p. 436)
- Information Systems Security, Minor (p. 437)
- Information Systems, Minor (p. 438)
- Management, Minor (p. 439)
- Marketing, Minor (p. 439)

Certificates

- Accounting, Certificate (p. 417)
- Executive Management Certificate (p. 437)
- Information Systems, Certificate (p. 438)
- Marketing, Certificate (p. 439)
- Sports Management, Certificate (p. 440)

Graduate Programs

Certificates

- Logistics Management, Post-MBA Certificate (p. 439)
- Marketing, Post-MBA Certificate (p. 440)

Faculty

Department of Accounting, Finance and Economics

José N Martínez, Department Chair

Arek Arakelian, Jennifer Brodmann, Meredith Caliman, Gloria Del Rosario, Prakash Dheeriya, Sherine El Hag, Nestor Garza, Sunghoon Joo, Cenap Ilter, Li-Lin (Sunny) Liu, Rama Malladi, Michael Manahan, Harun Rashid, Mahmoud Salari, Meghna Singhvi, Hakjoon Song, Charles Thomas, Bingsheng Yi, Sheng Yi

Department of Information Systems and Operations Management

Myron Sheu, Department Chair

Chi-Wen Chen, Edward K. Chu, X. Nancy Deng, Mohammad Eyadat, Jian-Yu (Fisher) Ke, G. Keong Leong, Claudia Celene Navarrete, Hamid Pourmohammadi, Wang-chan Wong, Xun (Peter) Xu, Tianjian (Tj) Zhang

Department of Management and Marketing

Sari Silvanto-Ryan, Department Chair

Yann Abdourazakou, Orie Berezan, William David Brice, Kirti Celly, Natasa Christodoulidou, Rida Elias, Jessica Federman, David Hoopes, Chacko Kannothra, Jim Katzenstein, Lei Lai, Thomas J. Norman, Melissa St. James, Bing Xu, Meng Zhao, Xia Zhao

Academic Advisement and Student Services

The CBAPP Student Success Center provides undergraduate student services regarding major advisement, appointments with an advisor, registration issues, permission numbers, assistance with forms such as petitions, add/drop, and change of major/minor, etc.

Office: II 1100 and 3400, Phone: (310) 243-3548

Website: <https://www.csudh.edu/cbapp/student-services/student-support/>

Faculty Support and Faculty Office Hours

Faculty office hours are posted on our website. Additional support is provided regarding faculty office hours, contacting faculty, and classroom changes, etc.

Office: II 4525, 4526 and 4200, Phone: (310) 243-3548

Website: www.csudh.edu/cbapp/faculty-support (<https://www.csudh.edu/cbapp/faculty-support/>)

Emeriti Faculty

Melvin P. Auerbach (Accounting & Finance), Donald J. Barnett (Accounting & Finance), Martin Blyn (Accounting & Finance), Potkin Basseer (Accounting & Finance), Barbara R. Chrispin (Management), George N. Clawson (Management), Dorothy M. Fisher (Information Systems), Raoul J. Freeman (Information Systems), Carolyn Harris (Business Communication), Steven Jenner (Management & Marketing), Jack Kitson (Marketing), C.W. Lee (Management), Carol V. Lopilato (Accounting & Finance), Richard Malamud (Accounting & Finance), Anthony Mastor (Accounting & Finance), Joseph F. McCloskey (Finance and Quantitative), Herbert J. Milgrim (Accounting & Finance), R. Bryant Mills (Management), George Morris (Marketing), Mazin M Nashif (Accounting & Finance), Richard Nehrbass (Management), Larry Press (Information Systems), Fahimeh Rezayat (Information Systems), Harold A. Rothbart (Industrial Management), Stanley R. Schoen (Accounting & Law), Robert H. Schueler (Business Administration), Franklin Strier (Business Law), Ricardo Ulivi (Accounting & Finance), Burhan Yavas (Accounting & Finance), Kosaku Yoshida (Accounting & Finance), Cyril E. Zoerner, Jr. (Marketing)

Accounting, Certificate

The Accounting Certificate program is designed to meet the needs of individuals who already hold a Bachelor's degree in another area, either in business with a concentration in another field or outside of business, and who now wish to acquire accounting competence. The certificate may be earned by regularly matriculated students who complete the following CSUDH courses, or show evidence of having done so elsewhere, with a grade point average of no less than 2.5. At least four of the eight accounting curriculum courses must be taken at CSU Dominguez Hills.

Requirements

The Accounting Certificate program is designed to meet the needs of individuals who already hold a Bachelor's degree in another area, either in business with a concentration in another field or outside of business, and who now wish to acquire accounting competence. The certificate

may be earned by regularly matriculated students who complete the following CSUDH courses, or show evidence of having done so elsewhere, with a grade point average of no less than 2.5. At least four of the eight accounting curriculum courses must be taken at CSU Dominguez Hills.

Accounting Certificate Prerequisites (30 units)

The following courses are the required prerequisites for students without a Bachelor's degree in Business:

| Code | Title | Hours |
|-------------------------------------|-------------------------------|-----------|
| Lower Division Prerequisites | | |
| ACC 230 | Financial Accounting | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ECO 210 | Economic Theory 1A Micro | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| Upper Division Prerequisites | | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| OMG 321 | Business Statistics | 3 |
| Total Hours | | 30 |

Required Courses (12 units)

| Code | Title | Hours |
|--------------------|----------------------------|-----------|
| ACC 330 | Intermediate Accounting I | 3 |
| ACC 331 | Intermediate Accounting II | 3 |
| ACC 333 | Income Taxation I | 3 |
| ACC 337 | Cost Accounting | 3 |
| Total Hours | | 12 |

Electives (12 units)

| Code | Title | Hours |
|---|--------------------------|-----------|
| Select an additional 12 units from upper division Business Administration courses, of which at least 9 units must be from the following upper division courses: | | |
| ACC 336 | Intro To Internal Audit | |
| ACC 339 | Acctg & Ctrl Multnl Comp | |
| ACC 430 | Advanced Accounting | |
| ACC 431 | Govt & Nonprofit Acctg | |
| ACC 433 | Income Taxation II | |
| ACC 435 | Auditing | |
| LAW 340 | Law Of Bus Organizations | |
| Total Hours | | 12 |

Note: Students should consider professional certification exams (CPA, CMA, CIA, CFM) after completing additional preparation and extensive review.

Business Administration, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (65-71 units)

Students must select a concentration. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Because most Business Administration course work completed over ten years ago is outdated, students must consult with an advisor in the Student Advisement and Service Center to ascertain whether courses taken ten or more years ago will need to be repeated. The Associate Dean in the College of Business Administration and Public Policy may waive the requirement to repeat outdated course work if there is evidence that student knowledge is current. Such evidence may consist of recent successful completion of more advanced course work in the specific discipline or satisfactory completion of designated national examinations.

Admission Requirements

Admission to the Business Administration major requires completion of all lower division Business Administration core courses with minimum grades of "C". All new majors are classified as "pre-business majors" until the requirements are met. Upper division advanced and concentration courses are available only to "Business Administration" majors. Students should consult with an advisor in the Business Advisement Center for more information.

Prerequisites and Residency Unit Requirements

All business majors are required to complete at least 36 units of the major in residence, including at least 12 of these units in the concentration and three units from MGT 490 Strategic Management Seminar.

Business Curriculum (44 units)

Students must complete all lower division core courses and satisfy the University's lower division English composition requirements (ENG 109 Freshman Composition I: Stretch 2, ENG 110 Freshman Composition Accelerated, or ENG 112 Freshman Composition Supported) and the

General Education mathematics requirement prior to enrolling in upper division business courses. Students who do not successfully complete the lower division prerequisites will not be permitted to enroll in upper division courses.

| Code | Title | Hours |
|--|---|-----------|
| Lower Division Required Core Courses ¹ | | |
| ACC 230 | Financial Accounting | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ECO 210 | Economic Theory 1A Micro | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| Upper Division Core Courses | | |
| Select two courses from the following: ² | | 2 |
| BUS 301 | Employment Communications | |
| BUS 302 | Written Communications | |
| BUS 303 | Oral Communication ² | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| OMG 321 | Business Statistics ³ | 3 |
| Upper Division Advanced Core Courses | | |
| BUS 445 | International Business | 3 |
| MGT 490 | Strategic Management Seminar ⁴ | 3 |
| OMG 322 | Operations Management | 3 |
| Total Hours | | 44 |

¹ **Note:** All lower division courses required for the Business Administration major must be completed with a grade of "C" or better.

² At least two of the following courses: BUS 301 Employment Communications, BUS 302 Written Communications, or BUS 303 Oral Communication must be taken during or prior to the semester when the student first registers for any other Business Administration upper division course.

³ Students in Business Administration should take a basic statistics course as the General Education Quantitative Reasoning requirement, otherwise OMG 221 Introduction to Business Statistics will need to be taken as a prerequisite to OMG 321 Business Statistics.

⁴ **Note:** MGT 490 Strategic Management Seminar is a capstone course and should be taken during the last semester before graduation with 400-level core courses and concentration courses (or General Education courses). Students must meet the specific course prerequisites for MGT 490 Strategic Management Seminar.

Concentrations

Each Business Administration major must select one of the concentrations listed below:

Accounting Concentration (24 units)

| Code | Title | Hours |
|---|----------------------------|-------|
| Required Courses | | |
| Complete required concentration courses | | |
| ACC 330 | Intermediate Accounting I | 3 |
| ACC 331 | Intermediate Accounting II | 3 |
| ACC 333 | Income Taxation I | 3 |

| | | |
|------------|-------------------------|---|
| ACC 337 | Cost Accounting | 3 |
| ACC 336 | Intro To Internal Audit | 3 |
| or ACC 435 | Auditing | |

Electives

Select an additional 9 units from the following upper division courses: 9

| | | |
|---------|--------------------------------|--|
| ACC 336 | Intro To Internal Audit | |
| ACC 339 | Acctg & Ctrl Multnl Comp | |
| ACC 340 | Accounting Information Systems | |
| ACC 385 | Entrepreneurial Accounting | |
| ACC 430 | Advanced Accounting | |
| ACC 431 | Govt & Nonprofit Acctg | |
| ACC 433 | Income Taxation II | |
| ACC 435 | Auditing | |
| LAW 340 | Law Of Bus Organizations | |

Total Hours 24

Note: Students should consider professional certification exams (CPA, CMA, CIA, CFM) after completing additional preparation and extensive review.

Business Analytics Concentration (27 units)

| Code | Title | Hours |
|------|-------|-------|
|------|-------|-------|

Required Courses

| | | |
|---|-------------------------------------|---|
| Complete required concentration courses | | |
| CIS 272 | Business Programming I ¹ | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| CIS 373 | Database Systems | 3 |

Select two of the following courses: 6

| | | |
|---------|---|--|
| CIS 380 | Introduction to Programming for Data Analysis | |
| CIS 480 | Data Mining and Business Intelligence | |
| OMG 423 | Quantitative Analysis | |

Electives

Select four elective concentration courses from one of the following tracks: 12

Cyber Security Track:

One of the concentration courses that hasn't been taken

| | | |
|---------|--|--|
| CIS 275 | Internet Literacy | |
| CIS 375 | Data Communications | |
| CIS 378 | Info Security Theories & Pract | |
| CIS 478 | Firewall and Computer Network Security | |
| CIS 482 | Databases & Web Security | |
| CIS 488 | Mgt of Information Security | |
| CIS 496 | Internship In CIS | |

Information & Decisions Systems Track:

One of the core concentration courses that hasn't been taken

| | | |
|---------|---------------------------------|--|
| CIS 371 | Business Programming II | |
| CIS 375 | Data Communications | |
| CIS 378 | Info Security Theories & Pract | |
| CIS 471 | Adv Network Based Applications | |
| CIS 474 | Project Management Fundamentals | |
| CIS 476 | Adv Concepts Bus Systems | |
| CIS 477 | Adv Data Communications | |

| | | |
|--------------------|-------------------|-----------|
| CIS 496 | Internship In CIS | |
| Total Hours | | 27 |

¹ CIS 272 Business Programming I is replaceable with CIS 371 Business Programming II for students with some prior programming knowledge.

Entrepreneurship Concentration (24 units)

| Code | Title | Hours |
|--|--------------------------------|-------|
| ACC 385 | Entrepreneurial Accounting | 3 |
| FIN 485 | Entrepreneurial Finance | 3 |
| LAW 340 | Law Of Bus Organizations | 3 |
| MGT 330 | New Venture Entrepreneurship | 3 |
| MKT 352 | Advertising and Promotion MGT. | 3 |
| Select three courses from the following: | | 9 |
| HRM 313 | Human Resources Management | |
| MGT 412 | Small Business Management | |
| MGT 416 | Leadership | |
| MGT 491 | Bus Consulting Practicum | |
| MKT 450 | Internet Marketing | |
| MKT 454 | Marketing Research | |

Total Hours 24

Finance Concentration (24 units)

| Code | Title | Hours |
|---|------------------------------------|-------|
| FIN 382 | Financial Analysis | 3 |
| FIN 468 | Seminar in Investment Analysis | 3 |
| FIN 481 | Financial Inst & Mgmt | 3 |
| FIN 488 | Multinatl Financial Trans | 3 |
| Select four courses from the following: | | 12 |
| ACC 337 | Cost Accounting | |
| FIN 375 | Personal Financial Planning | |
| FIN 426 | Portfolio Management | |
| FIN 467 | Real Estate Finance and Investment | |
| FIN 480 | Economics Of The Firm | |
| FIN 484 | Financial Forecasting & Modeling | |
| FIN 485 | Entrepreneurial Finance | |
| FIN 494 | Independent Study in Finance | |
| FIN 496 | Internship in Finance | |
| OMG 423 | Quantitative Analysis | |

Total Hours 24

General Business Concentration (21 units)

| Code | Title | Hours |
|---|----------------------------------|-------|
| MGT 312 | Organizational Behavior | 3 |
| MGT 412 | Small Business Management | 3 |
| Select five courses from the following: | | 15 |
| ACC 333 | Income Taxation I | |
| ACC 337 | Cost Accounting | |
| ACC 433 | Income Taxation II | |
| CIS 275 | Internet Literacy | |
| CIS 372 | Systems Analysis and Design | |
| FIN 468 | Seminar in Investment Analysis | |
| FIN 484 | Financial Forecasting & Modeling | |
| HRM 313 | Human Resources Management | |

| | |
|---------|--|
| HRM 318 | Training and Development |
| LAW 340 | Law Of Bus Organizations |
| MKT 355 | Consumer Behavior |
| MKT 454 | Marketing Research |
| OMG 430 | Enterprise Resource Planning and Supply Chain Management Cases |

Total Hours 21

Global Supply Chain Management Concentration (24 units)

| Code | Title | Hours |
|--|--|-------|
| OMG 220 | Introduction to Transportation Management | 3 |
| OMG 230 | Introduction to Supply Chain Management | 3 |
| OMG 423 | Quantitative Analysis | 3 |
| OMG 427 | Business Process Improvement | 3 |
| OMG 428 | Purchasing Management | 3 |
| OMG 430 | Enterprise Resource Planning and Supply Chain Management Cases | 3 |
| Select two courses from the following: | | 6 |
| CIS 372 | Systems Analysis and Design | |
| CIS 373 | Database Systems | |
| CIS 474 | Project Management Fundamentals | |
| CIS 476 | Adv Concepts Bus Systems | |

Total Hours 24

Information Systems Concentration (27 units)

| Code | Title | Hours |
|--|--|-------|
| CIS 272 | Business Programming I | 3 |
| CIS 275 | Internet Literacy | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| CIS 373 | Database Systems | 3 |
| CIS 375 | Data Communications | 3 |
| CIS 474 | Project Management Fundamentals | 3 |
| Select three courses from the following: | | 9 |
| CIS 371 | Business Programming II | |
| CIS 378 | Info Security Theories & Pract | |
| CIS 471 | Adv Network Based Applications | |
| CIS 476 | Adv Concepts Bus Systems | |
| CIS 477 | Adv Data Communications | |
| CIS 478 | Firewall and Computer Network Security | |
| CIS 480 | Data Mining and Business Intelligence | |
| CIS 482 | Databases & Web Security | |
| CIS 488 | Mgt of Information Security | |
| CIS 496 | Internship In CIS | |

Total Hours 27

Information Systems Security Concentration (27 units)

| Code | Title | Hours |
|---------|--|-------|
| CIS 272 | Business Programming I | 3 |
| CIS 275 | Internet Literacy | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| CIS 373 | Database Systems | 3 |
| CIS 375 | Data Communications | 3 |
| CIS 378 | Info Security Theories & Pract | 3 |
| CIS 478 | Firewall and Computer Network Security | 3 |

Select two courses from the following: 6

| | |
|---------|-----------------------------|
| CIS 482 | Databases & Web Security |
| CIS 488 | Mgt of Information Security |
| CIS 496 | Internship In CIS |

Total Hours 27

International Business Concentration (21 units)

| Code | Title | Hours |
|--|---|-------|
| 1. Required Courses (12 units) | | |
| ACC 339 | Acctg & Ctrl Multnl Comp | 3 |
| FIN 488 | Multinatl Financial Trans | 3 |
| MGT 418 | International Management | 3 |
| MKT 358 | International Marketing | 3 |
| 2. Select three courses from the following: 9 | | |
| ECO 340 | International Trade Thry | |
| ECO 341 | International Finance | |
| POL 335 | Introduction to International Relations | |
| POL 336 | Theories of International Relations | |

Total Hours 21

Management and Human Resources Concentration (24 units)

Students interested in the Management and Human Resources Concentration must select one of the tracks listed below.

Management Track - (24 units)

| Code | Title | Hours |
|---|--|-------|
| HRM 313 | Human Resources Management | 3 |
| MGT 312 | Organizational Behavior | 3 |
| MGT 412 | Small Business Management | 3 |
| MGT 416 | Leadership | 3 |
| MGT 418 | International Management | 3 |
| Select three additional courses from the following: | | 9 |
| ECO 330 | | |
| HRM 316 | Labor & Industrial Relations | |
| HRM 318 | Training and Development | |
| HRM 321 | Compensation and Benefits | |
| HRM 425 | Seminar in Strategic HRM | |
| LAW 342 | Employment Law | |
| LBR 411 | Contracts & Negotiations | |
| LBR 412 | Labor Law | |
| MGT 330 | New Venture Entrepreneurship | |
| MGT 430 | Strategic Communication | |
| MGT 491 | Bus Consulting Practicum | |
| MGT 494 | Independent Study in Mgt. | |
| MGT 495 | Special Topics in Management | |
| MGT 496 | Internship in Management | |
| PSY 342 | Interpersonal and Group Dynamics | |
| PSY 372 | Industrial and Organizational Psychology | |
| PUB 314 | Compensation, Staffing, and Appraisal | |
| PUB 315 | Labor-Management Relations in Government | |
| SEH 310 | Sports Enter & Hospitality MGT | |
| SEH 330 | Managing Sports Facilities | |

| | | |
|--------------------|-----------------------------|-----------|
| SEH 448 | Hotel and Resort Management | |
| Total Hours | | 24 |

Human Resources Track (24 units)

| Code | Title | Hours |
|---|------------------------------|-----------|
| HRM 313 | Human Resources Management | 3 |
| HRM 321 | Compensation and Benefits | 3 |
| HRM 425 | Seminar in Strategic HRM | 3 |
| MGT 312 | Organizational Behavior | 3 |
| Select four courses from the following: | | 12 |
| HRM 316 | Labor & Industrial Relations | |
| HRM 318 | Training and Development | |
| LAW 342 | Employment Law | |
| MGT 416 | Leadership | |
| MGT 418 | International Management | |
| MGT 494 | Independent Study in Mgt. | |
| MGT 495 | Special Topics in Management | |
| MGT 496 | Internship in Management | |
| Total Hours | | 24 |

Marketing Concentration (24 units)

Each student interested in the Marketing Concentration must select one of the tracks listed below.

Track 1: Marketing Management Emphasis

| Code | Title | Hours |
|--|--------------------------------|-----------|
| MKT 352 | Advertising and Promotion MGT. | 3 |
| MKT 355 | Consumer Behavior | 3 |
| MKT 358 | International Marketing | 3 |
| MKT 454 | Marketing Research | 3 |
| MKT 459 | Sem In Marketing Mgmt | 3 |
| Select three courses from the following: | | 9 |
| MGT 330 | New Venture Entrepreneurship | |
| MKT 351 | Sales Mgt & Techniques | |
| MKT 353 | Retail Mktg Management | |
| MKT 450 | Internet Marketing | |
| MKT 451 | Trade Show and Event Marketing | |
| MKT 452 | Sports & Entertainment Mkt. | |
| MKT 495 | Special Topics in Marketing | |
| Total Hours | | 24 |

Track 2: Advertising Emphasis

| Code | Title | Hours |
|--|--|-------|
| MKT 352 | Advertising and Promotion MGT. | 3 |
| MKT 355 | Consumer Behavior | 3 |
| MKT 454 | Marketing Research | 3 |
| MKT 459 | Sem In Marketing Mgmt | 3 |
| COM 344 | Advertising Media Analysis | 3 |
| Select three courses from the following: | | 9 |
| COM 342 | Advertising Strategy and Copywriting | |
| COM 365 | Introduction to Public Relations | |
| MKT 450 | Internet Marketing | |
| MKT 452 | Sports & Entertainment Mkt. ¹ | |

| | | |
|--------------------|-----------------------------|-----------|
| MKT 495 | Special Topics in Marketing | |
| Total Hours | | 24 |

¹ May be taken twice with different topics.

Sports, Entertainment and Hospitality Management Concentration (24 units)

| Code | Title | Hours |
|---|---|-----------|
| MKT 452 | Sports & Entertainment Mkt. | 3 |
| SEH 310 | Sports Enter & Hospitality MGT | 3 |
| SEH 348 | Principles of Travel & Tourism | 3 |
| SEH 448 | Hotel and Resort Management | 3 |
| Select four courses from the following: | | 12 |
| HRM 318 | Training and Development | |
| MGT 416 | Leadership | |
| MKT 451 | Trade Show and Event Marketing | |
| PSY 480 | Sport Psychology | |
| SEH 330 | Managing Sports Facilities | |
| SEH 495 | Spec Topic: Hospitality Mgt. | |
| SEH 496 | Internship in Sports, Entertainment & Hospitality | |
| Total Hours | | 24 |

Program Learning Outcomes

- PLO 1 Communication: to communicate effectively both orally and in written form. Upon completion of the program, students will be able to: Describe the communication process and explain how non-verbal behavior and listening affect communication; Analyze and synthesize information by clearly writing solution or recommendations to a business challenge that are logical and are appropriately justified; Apply the skills of critical analysis in the strategic management context, including identifying the strategic problems of a firm, generating and evaluating alternative courses of action, articulating and defending recommendations, and planning implementation.
- PLO 2 Critical Thinking: to solve problems using the applicable analytical and quantitative techniques. Upon completion of the program, students will be able to identify relevant issues, generate and compare alternatives, and develop a sound solution
- PLO 3 Globalization: to understand the interconnections of the global economy. Upon completion of the program, students will be able to: Understand the interconnectedness of the global economy; Understand the impact of global economy decision-making discuss international economics, both international trade and finance, from the perspectives of theory, policy, institutions
- PLO 4 Information Technology: to use technology effectively to solve problems and communicate their solutions. Upon completion of the program, students will be able to: create and use Excel spreadsheets to analyze data and create graphs; organize data, create relational databases, and query data using Access software; use computer and basic software, e.g., MS Suite, Windows; in a case setting, propose and justify IT solutions
- PLO 5 Ethics: to identify and evaluate ethical issues in the business world, and address solution alternatives in their context. Upon completion of the program, students will be able to: Understand that ethics is tied to cultural norms and religious beliefs and also understand the laws and regulations that affect business; Analyze social responsibility and ethical decision-making situations; Apply ethical frameworks in making business decisions.

- PLO 6 Functional Knowledge: to demonstrate competency in the business-related content areas, including accountancy, economics, finance, law, management, information systems, marketing, statistics, operations management, globalization, and ethics.

General Business Option

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 | Global and Historical Perspectives | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 | Logic/Critical Thinking | 3 |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 | Science Laboratory | 1 |
| GE Area B4 | Quantitative Reasoning | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area A1 | Oral Communication | 3 |
| Hours | | 15 |
| Spring | | |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F | Ethnic Studies | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD | Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD | Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 14 |
| Spring | | |
| MGT 310 | Management Theory | 3 |
| OMG 321 | Business Statistics | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| General Business Elective ¹ | | 3 |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| Hours | | 15 |

Fourth Year

| | | |
|--|--|------------|
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| MGT 312 | Organizational Behavior | 3 |
| General Business Elective ¹ | | 3 |
| General Business Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 412 | Small Business Management | 3 |
| General Business Elective ¹ | | 3 |
| General Business Elective ¹ | | 3 |
| BUS 445 | International Business | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

¹ General Business Concentration Elective (complete 5 courses from the following): ACC 333, ACC 337, ACC 433, CIS 275, CIS 372, FIN 468, FIN 484, HRM 313, HRM 318, LAW 340, MKT 355, MKT 454, OMG 430

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| BUS UD | Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD | Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 15 |
| Spring | | |
| MGT 310 | Management Theory | 3 |
| OMG 321 | Business Statistics | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| General Business Elective ¹ | | 3 |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| MGT 312 | Organizational Behavior | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| General Business Elective ¹ | | 3 |
| General Business Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 412 | Small Business Management | 3 |
| General Business Elective ¹ | | 3 |
| General Business Elective ¹ | | 3 |
| BUS 445 | International Business | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ General Business Concentration Elective (complete 5 courses from the following): ACC 333, ACC 337, ACC 433, CIS 275, CIS 372, FIN 468, FIN 484, HRM 313, HRM 318, LAW 340, MKT 355, MKT 454, OMG 430

Accounting Concentration

4- Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area B4 Quantitative Reasoning | | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F Ethnic Studies | | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| ACC 330 | Intermediate Accounting I | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| ACC 333 | Income Taxation I | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 322 | Operations Management | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |

Fourth Year

| | | |
|---|--|------------|
| Fall | | |
| Accounting Concentration Elective ¹ | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| ACC 331 | Intermediate Accounting II | 3 |
| ACC 337 | Cost Accounting | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| BUS 445 | International Business | 3 |
| ACC 336 or ACC 435 | Intro To Internal Audit or Auditing | 3 |
| Accounting Concentration Elective ¹ | | 3 |
| Accounting Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

¹ Accounting Concentration Electives (complete an additional 9 units from the following): ACC 336, ACC 339, ACC 340, ACC 430, ACC 431, ACC 433, ACC 435

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| ACC 330 | Intermediate Accounting I | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| ACC 333 | Income Taxation I | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 322 | Operations Management | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Accounting Concentration Elective ¹ | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| ACC 331 | Intermediate Accounting II | 3 |
| ACC 337 | Cost Accounting | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| BUS 445 | International Business | 3 |
| ACC 336 or ACC 435 | Intro To Internal Audit or Auditing | 3 |
| Accounting Concentration Elective ¹ | | 3 |
| Accounting Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Accounting Concentration Electives (complete an additional 9 units from the following): ACC 336, ACC 339, ACC 340, ACC 430, ACC 431, ACC 433, ACC 435

Business Analytics: Cyber Security Track 4- Year Roadmap

| Course | Title | Hours |
|---|--|------------|
| First Year | | |
| Fall | | |
| ENG 110 or ENG 112 | Freshman Composition Accelerated (GE Area A2 Written Communication) or Freshman Composition Supported | 3 |
| MAT 131 or MAT 132 | Elementary Statistics and Probability (GE Area B4) or Statistics and Probability with Support | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| ACC 230 | Financial Accounting | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| CIS 272 | Business Programming I | 3 |
| ACC 231 | Managerial Accounting | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 17 |
| Spring | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CIS 373 | Database Systems | 3 |
| OMG 322 | Operations Management | 3 |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| Hours | | 15 |
| Total Hours | | |
| | | 126 |

| | | |
|---|------------------------------|------------|
| MKT 350 | Principles Of Marketing | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 18 |
| Fourth Year | | |
| Fall | | |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| BUS 445 | International Business | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 126 |

¹ Cyber Security Track Electives (complete 4 courses from the following): CIS 275, 375, 378, 478, 482, 482, 488, or 496

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 17 |
| Spring | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CIS 373 | Database Systems | 3 |
| OMG 322 | Operations Management | 3 |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| BUS 445 | International Business | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| Cyber Security Track Course (from list below; not yet taken) ¹ | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Cyber Security Track Electives (complete 4 courses from the following):
CIS 275, 375, 378, 478, 482, 482, 488, or 496

Business Analytics: Information and Decision Systems

4- Year Roadmap

| Course | Title | Hours |
|---|---|------------|
| First Year | | |
| Fall | | |
| ENG 110 or ENG 112 | Freshman Composition Accelerated (GE Area A2 Written Communication) or Freshman Composition Supported | 3 |
| MAT 131 or MAT 132 | Elementary Statistics and Probability (GE Area B4) or Statistics and Probability with Support | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| ACC 230 | Financial Accounting | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| CIS 272 | Business Programming I | 3 |
| ACC 231 | Managerial Accounting | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 17 |
| Spring | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CIS 373 | Database Systems | 3 |
| OMG 322 | Operations Management | 3 |
| MGT 310 | Management Theory | 3 |
| Hours | | 15 |
| Total Hours | | |
| | | 126 |

| | | |
|---|------------------------------|------------|
| MKT 350 | Principles Of Marketing | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 18 |
| Fourth Year | | |
| Fall | | |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| BUS 445 | International Business | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 126 |

¹ Select one of the following core concentration courses that hasn't been taken: CIS 371, 375, 378, 471, 474, 476, 477, or 496

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Upper Division BUS Writing Course (BUS 301 or BUS 302 or BUS 303) | | 1 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 17 |
| Spring | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CIS 373 | Database Systems | 3 |
| OMG 322 | Operations Management | 3 |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| Analytics Concentration Elective (CIS 380 or CIS 480 or OMG 423) | | 3 |
| BUS 445 | International Business | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| Information and Decision Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| Information and Decisions Systems Track Course (from list below; not yet taken) ¹ | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Select one of the following core concentration courses that hasn't been taken: CIS 371, 375, 378, 471, 474, 476, 477, or 496

Entrepreneurship Concentration 4- Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| Additional GE in Area C1 or C2 | | 3 |
| ACC 230 | Financial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ECO 210 | Economic Theory 1A Micro (satisfies GE area D1) | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| POL 101 | American Institutions | 3 |
| ACC 231 | Managerial Accounting | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Hours | | 14 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| ACC 385 | Entrepreneurial Accounting | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| ENG 350 | Advanced Composition (or another GVAR satisfying course) | 3 |
| Hours | | 18 |
| Fourth Year | | |
| Fall | | |
| FIN 485 | Entrepreneurial Finance | 3 |
| LAW 340 | Law Of Bus Organizations | 3 |

| | | |
|--|--------------------------------|------------|
| MGT 330 | New Venture Entrepreneurship | 3 |
| MKT 352 | Advertising and Promotion MGT. | 3 |
| Entrepreneurship Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| OMG 322 | Operations Management | 3 |
| Entrepreneurship Elective ¹ | | 3 |
| Entrepreneurship Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

¹ Entrepreneurship Concentration Electives (complete 3 courses from the following): HRM 313, MGT 412, MGT 416, MGT 491, MKT 450, MKT 454

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| ENG 350 | Advanced Composition (or another GVAR satisfying course) | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Hours | | 17 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| ACC 385 | Entrepreneurial Accounting | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| FIN 485 | Entrepreneurial Finance | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| MGT 330 | New Venture Entrepreneurship | 3 |
| MKT 352 | Advertising and Promotion MGT. | 3 |
| Entrepreneurship Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| OMG 322 | Operations Management | 3 |
| Entrepreneurship Elective ¹ | | 3 |
| Entrepreneurship Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Entrepreneurship Concentration Electives (complete 3 courses from the following): HRM 313, MGT 412, MGT 416, MGT 491, MKT 450, MKT 454

4- Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 | Global and Historical Perspectives | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 | Science Laboratory | 1 |
| GE Area B4 | Quantitative Reasoning | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Additional GE course | from Area C1 or C2 | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 | Logic/Critical Thinking | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F | Ethnic Studies | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MGT 310 | Management Theory | 3 |
| Finance Concentration Elective ¹ | | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| FIN 382 | Financial Analysis | 3 |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| FIN 468 | Seminar in Investment Analysis | 3 |
| Finance Concentration Elective ¹ | | 3 |
| FIN 488 | Multinatl Financial Trans | 3 |
| Hours | | 15 |

Spring

| | | |
|---|------------------------------|------------|
| MGT 490 | Strategic Management Seminar | 3 |
| BUS 445 | International Business | 3 |
| FIN 481 | Financial Inst & Mgmt | 3 |
| Finance Concentration Elective ¹ | | 3 |
| Finance Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

¹ Finance Concentration Electives (complete 4 courses from the following): ACC 337, FIN 375, FIN 426, FIN 467, FIN 480, FIN 484, FIN 485, FIN 494, FIN 496, OMG 423

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MGT 310 | Management Theory | 3 |
| Finance Concentration Elective ¹ | | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| FIN 382 | Financial Analysis | 3 |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| FIN 468 | Seminar in Investment Analysis | 3 |
| Finance Concentration Elective ¹ | | 3 |
| FIN 488 | Multinatl Financial Trans | 3 |
| Hours | | 15 |
| Spring | | |
| Finance Concentration Elective ¹ | | 3 |
| Finance Concentration Elective ¹ | | 3 |
| FIN 481 | Financial Inst & Mgmt | 3 |
| BUS 445 | International Business | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Finance Concentration Electives (complete 4 courses from the following): ACC 337, FIN 375, FIN 426, FIN 467, FIN 480, FIN 484, FIN 485, FIN 494, FIN 496, OMG 423

Global Supply Chain Management Concentration

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 | Global and Historical Perspectives | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 | Science Laboratory | 1 |
| GE Area B4 | Quantitative Reasoning | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Additional GE | in Area C1 or C2 | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 | Logic/Critical Thinking | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F | Ethnic Studies | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| FIN 360 | Business Finance | 3 |
| OMG 220 | Introduction to Transportation Management | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| OMG 230 | Introduction to Supply Chain Management | 3 |
| OMG 322 | Operations Management | 3 |
| OMG 423 | Quantitative Analysis | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| GSCM Concentration Elective ¹ | | 3 |

| | | |
|--|--|------------|
| OMG 427 | Business Process Improvement | 3 |
| OMG 428 | Purchasing Management | 3 |
| OMG 430 | Enterprise Resource Planning and Supply Chain Management Cases | 3 |
| Hours | | 15 |
| Spring | | |
| BUS 445 | International Business | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| GSCM Concentration Elective ¹ | | 3 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

¹ GSCM Concentration Electives (complete two courses from the following): CIS 372, CIS 373, CIS 474, CIS 476

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 220 | Introduction to Transportation Management | 3 |
| OMG 230 | Introduction to Supply Chain Management | 3 |
| OMG 321 | Business Statistics | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| OMG 322 | Operations Management | 3 |
| OMG 423 | Quantitative Analysis | 3 |
| FIN 360 | Business Finance | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| GSCM Concentration Elective ¹ | | 3 |
| GSCM Concentration Elective ¹ | | 3 |
| OMG 427 | Business Process Improvement | 3 |
| OMG 428 | Purchasing Management | 3 |
| Hours | | 15 |
| Spring | | |
| BUS 445 | International Business | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| OMG 430 | Enterprise Resource Planning and Supply Chain Management Cases | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ GSCM Concentration Electives (complete two courses from the following): CIS 372, CIS 373, CIS 474, CIS 476

Information Systems Concentration

4- Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GE Area C1 or C2 | | 3 |
| CIS 275 | Internet Literacy (satisfies GE Area E) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area B4 Quantitative Reasoning | | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F Ethnic Studies | | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| FIN 360 | Business Finance | 3 |
| CIS 272 | Business Programming I | 3 |
| MGT 310 | Management Theory | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| CIS 372 | Systems Analysis and Design | 3 |
| OMG 321 | Business Statistics | 3 |
| CIS 373 | Database Systems | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| Information Systems Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| BUS 445 | International Business | 3 |
| CIS 375 | Data Communications | 3 |
| OMG 322 | Operations Management | 3 |

| | | |
|---|---------------------------------|------------|
| Information Systems Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| CIS 474 | Project Management Fundamentals | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| Information Systems Concentration Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

¹ Information Systems Concentration Electives (complete 3 courses from the following): CIS 371, CIS 378, CIS 471, CIS 476, CIS 477, CIS 478, CIS 480, CIS 482, CIS 488, CIS 496

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| FIN 360 | Business Finance | 3 |
| MGT 310 | Management Theory | 3 |
| CIS 272 | Business Programming I | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| OMG 321 | Business Statistics | 3 |
| Information Systems Concentration Elective ¹ | | 3 |
| CIS 275 | Internet Literacy | 3 |
| CIS 372 | Systems Analysis and Design | 3 |
| CIS 373 | Database Systems | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| Hours | | 18 |
| Second Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| BUS 445 | International Business | 3 |
| CIS 375 | Data Communications | 3 |
| Information Systems Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| CIS 474 | Project Management Fundamentals | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| Information Systems Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 65 |

¹ Information Systems Concentration Electives (complete 3 courses from the following): CIS 371, CIS 378, CIS 471, CIS 476, CIS 477, CIS 478, CIS 480, CIS 482, CIS 488, CIS 496

Information Systems Security Concentration

4- Year Roadmap

| Course | Title | Hours |
|---------------------|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 | Global and Historical Perspectives | 3 |
| GE Area C1 or C2 | | 3 |
| CIS 275 | Internet Literacy | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 | Science Laboratory | 1 |
| GE Area B4 | Quantitative Reasoning | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Additional GE | in Area C1 or C2 | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| GE Area B1 | Physical Sciences OR B2 Life Sciences | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 | Logic/Critical Thinking | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F | Ethnic Studies | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| FIN 360 | Business Finance | 3 |
| CIS 272 | Business Programming I | 3 |
| MGT 310 | Management Theory | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| CIS 372 | Systems Analysis and Design | 3 |
| CIS 373 | Database Systems | 3 |
| OMG 321 | Business Statistics | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| CIS 378 | Info Security Theories & Pract | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |

| | | |
|---|--|------------|
| CIS 375 | Data Communications | 3 |
| BUS 445 | International Business | 3 |
| IS Security Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| CIS 478 | Firewall and Computer Network Security | 3 |
| IS Security Concentration Elective ¹ | | 3 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

¹ IS Security Concentration Electives (must complete 2 courses from the following): CIS 482, CIS 488, CIS 496

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing | (BUS 301 or BUS 302 or BUS 303) | 1 |
| CIS 272 | Business Programming I | 3 |
| CIS 275 | Internet Literacy | 3 |
| MGT 310 | Management Theory | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| CIS 372 | Systems Analysis and Design | 3 |
| OMG 321 | Business Statistics | 3 |
| IS Security Concentration Elective ¹ | | 3 |
| CIS 373 | Database Systems | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| FIN 360 | Business Finance | 3 |
| Hours | | 18 |
| Second Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area B5 | Integrative Studies in Natural Sciences | 3 |
| BUS 445 | International Business | 3 |
| CIS 375 | Data Communications | 3 |
| IS Security Concentration Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| CIS 378 | Info Security Theories & Pract | 3 |
| CIS 478 | Firewall and Computer Network Security | 3 |
| GE Area C3 | Integrative Studies in the Humanities | 3 |
| GE Area D3 | Integrative Studies in the Social Sciences | 3 |
| Hours | | 15 |
| Total Hours | | 65 |

¹ IS Security Concentration Electives (must complete 2 courses from the following): CIS 482, CIS 488, CIS 496

International Business Concentration

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro (satisfies GE area D1) or Economic Theory 1B Macro | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area B4 Quantitative Reasoning | | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| GE Area C1 or C2 | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| ACC 230 | Financial Accounting | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| ECO 210 or ECO 211 | Economic Theory 1A Micro or Economic Theory 1B Macro | 3 |
| GE Area F Ethnic Studies | | 3 |
| ACC 231 | Managerial Accounting | 3 |
| CIS 270 or LAW 240 | Info Sys/Tech Fundamentals or Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| MGT 310 | Management Theory | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 14 |
| Spring | | |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| MGT 418 | International Management | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| International Business Concentration Elective ¹ | | 3 |
| ACC 339 | Acctg & Ctrl Multnl Comp | 3 |

| | | |
|--|---------------------------|------------|
| MKT 358 | International Marketing | 3 |
| Hours | | 15 |
| Spring | | |
| International Business Concentration Elective ¹ | | 3 |
| FIN 488 | Multinatl Financial Trans | 3 |
| BUS 445 | International Business | 3 |
| International Business Concentration Elective ¹ | | 3 |
| MGT 490 | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

¹ International Business Concentration Elective (complete 3 courses from the following): ECO 340, ECO 341, POL 335, POL 336

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 3 |
| GE Area C3 UD Humanities | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| MGT 310 | Management Theory | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 18 |
| Spring | | |
| FIN 360 | Business Finance | 3 |
| OMG 321 | Business Statistics | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| MGT 418 | International Management | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| OMG 322 | Operations Management | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| International Business Concentration Elective ¹ | | 3 |
| ACC 339 | Acctg & Ctrl Multnl Comp | 3 |
| MKT 358 | International Marketing | 3 |
| Hours | | 15 |
| Spring | | |
| International Business Concentration Elective ¹ | | 3 |
| FIN 488 | Multinatl Financial Trans | 3 |
| BUS 445 | International Business | 3 |
| International Business Concentration Elective | | 3 |
| MGT 490 | Strategic Management Seminar | 3 |
| Hours | | 15 |
| Total Hours | | 63 |

¹ International Business Concentration Elective (complete 3 courses from the following): ECO 340, ECO 341, POL 335, POL 336

Management and Human Resources Concentration: Management Track

4- Year Roadmap

| Course | Title | Hours |
|-------------------------------|-------|-------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |

| | |
|--|---|
| GE Area A2 Written Communication | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area C1 Arts Courses | 3 |
| GE Area D2 Global and Historical Perspectives | 3 |

Hours 15

Spring

| | |
|--|---|
| GE Area A3 Logic/Critical Thinking | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| GE Area B4 Quantitative Reasoning | 3 |
| GE Area C2 Letters Course | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |

Hours 16

Second Year

Fall

| | | |
|--------------------------------|---|---|
| ACC 230 | Financial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ECO 210 | Economic Theory 1A Micro (satisfies GE area D1) | 3 |
| HIS 101 | History Of United States | 3 |
| Additional GE in Area C1 or C2 | | 3 |

Hours 15

Spring

| | | |
|--------------------------|-------------------------------|---|
| GE Area F Ethnic Studies | | 3 |
| POL 101 | American Institutions | 3 |
| ACC 231 | Managerial Accounting | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| LAW 240 | Legal Environment of Business | 3 |

Hours 15

Third Year

Fall

| | | |
|---|---|---|
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |

Hours 17

Spring

| | | |
|---------|----------------------------|---|
| MKT 350 | Principles Of Marketing | 3 |
| HRM 313 | Human Resources Management | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |

Hours 15

Fourth Year

Fall

| | | |
|--|---------------------------|---|
| MGT 416 | Leadership | 3 |
| MGT 312 | Organizational Behavior | 3 |
| MGT 412 | Small Business Management | 3 |
| MGT 418 | International Management | 3 |
| Management Track Elective ¹ | | 3 |

Hours 15

Spring

| | | |
|--|------------------------------|---|
| MGT 490 | Strategic Management Seminar | 3 |
| Management Track Elective ¹ | | 3 |
| Management Track Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

| | |
|--|-----------|
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Hours | 15 |

Total Hours 123

¹ Management Track Electives (complete 3 additional courses from the following list): ECO 330, HRM 316, HRM 318, HRM 321, HRM 425, LAW 342, LBR 411, LBR 412, MGT 330, MGT 430, MGT 491, MGT 494, MGT 495, MGT 496, PSY 342, PSY 372, PUB 314, PUB 315, SEH 310, SEH 330, SEH 448

2- Year Roadmap

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|---|---|---|
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |

Hours 17

Spring

| | | |
|---------|----------------------------|---|
| MKT 350 | Principles Of Marketing | 3 |
| HRM 313 | Human Resources Management | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |

Hours 15

Second Year

Fall

| | | |
|--|---------------------------|---|
| MGT 416 | Leadership | 3 |
| MGT 312 | Organizational Behavior | 3 |
| MGT 412 | Small Business Management | 3 |
| MGT 418 | International Management | 3 |
| Management Track Elective ¹ | | 3 |

Hours 15

Spring

| | | |
|--|------------------------------|---|
| MGT 490 | Strategic Management Seminar | 3 |
| Management Track Elective ¹ | | 3 |
| Management Track Elective ¹ | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

Hours 15

Total Hours 62

¹ Management Track Electives (complete 3 additional courses from the following list): ECO 330, HRM 316, HRM 318, HRM 321, HRM 425, LAW 342, LBR 411, LBR 412, MGT 330, MGT 430, MGT 491, MGT 494, MGT 495, MGT 496, PSY 342, PSY 372, PUB 314, PUB 315, SEH 310, SEH 330, SEH 448

Management and Human Resources Concentration: Human Resources Track

4- Year Roadmap

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|-------------------------------|--|---|
| GE Area A1 Oral Communication | | 3 |
|-------------------------------|--|---|

| | |
|--|---|
| GE Area A2 Written Communication | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area C1 Arts Courses | 3 |
| GE Area D2 Global and Historical Perspectives | 3 |

Hours 15

Spring

| | |
|--|---|
| GE Area A3 Logic/Critical Thinking | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| GE Area B4 Quantitative Reasoning | 3 |
| GE Area C2 Letters Course | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |

Hours 16

Second Year**Fall**

| | | |
|--------------------------------|---|---|
| ACC 230 | Financial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ECO 210 | Economic Theory 1A Micro (satisfies GE area D1) | 3 |
| HIS 101 | History Of United States | 3 |
| Additional GE in Area C1 or C2 | | 3 |

Hours 15

Spring

| | | |
|--------------------------|-------------------------------|---|
| GE Area F Ethnic Studies | | 3 |
| POL 101 | American Institutions | 3 |
| ACC 231 | Managerial Accounting | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| LAW 240 | Legal Environment of Business | 3 |

Hours 15

Third Year**Fall**

| | | |
|---|---|---|
| GE Area D3 Integrative Studies in the Social Sciences | 3 | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 | |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |

Hours 17

Spring

| | | |
|---------|-------------------------|---|
| MKT 350 | Principles Of Marketing | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |
| MGT 312 | Organizational Behavior | 3 |

Hours 15

Fourth Year**Fall**

| | | |
|--|----------------------------|---|
| Human Resources Track Elective ¹ | | 3 |
| Human Resources Track Elective ¹ | | 3 |
| HRM 313 | Human Resources Management | 3 |
| HRM 321 | Compensation and Benefits | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |

Hours 15

Spring

| | | |
|---|------------------------------|---|
| MGT 490 | Strategic Management Seminar | 3 |
| HRM 425 | Seminar in Strategic HRM | 3 |
| Human Resources Track Elective ¹ | | 3 |
| Human Resources Track Elective ¹ | | 3 |

| | |
|--|---|
| GE Area C3 Integrative Studies in the Humanities | 3 |
|--|---|

Hours 15

Total Hours 123

¹ Human Resources Track Electives (must complete 4 courses from the following): HRM 316, HRM 318, LAW 342, MGT 416, MGT 418, MGT 494, MGT 495, MGT 496

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year**Fall**

| | | |
|---|---|---|
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |

Hours 17

Spring

| | | |
|---------|-------------------------|---|
| MKT 350 | Principles Of Marketing | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |
| MGT 312 | Organizational Behavior | 3 |

Hours 15

Second Year**Fall**

| | | |
|--|----------------------------|---|
| Human Resources Track Elective ¹ | | 3 |
| Human Resources Track Elective ¹ | | 3 |
| HRM 313 | Human Resources Management | 3 |
| HRM 321 | Compensation and Benefits | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |

Hours 15

Spring

| | | |
|--|------------------------------|---|
| MGT 490 | Strategic Management Seminar | 3 |
| HRM 425 | Seminar in Strategic HRM | 3 |
| Human Resources Track Elective ¹ | | 3 |
| Human Resources Track Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

Hours 15

Total Hours 62

¹ Human Resources Track Electives (must complete 4 courses from the following): HRM 316, HRM 318, LAW 342, MGT 416, MGT 418, MGT 494, MGT 495, MGT 496

Marketing Concentration-Marketing Management Emphasis**4- Year Roadmap**

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year**Fall**

| | | |
|--|--|---|
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area C1 Arts Courses | | 3 |

| | |
|---|------------|
| GE Area D2 Global and Historical Perspectives | 3 |
| Hours | 15 |
| Spring | |
| GE Area A3 Logic/Critical Thinking | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| GE Area B4 Quantitative Reasoning | 3 |
| GE Area C2 Letters Course | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |
| Hours | 16 |
| Second Year | |
| Fall | |
| Additional GE in Area C1 or C2 | 3 |
| ACC 230 Financial Accounting | 3 |
| CIS 270 Info Sys/Tech Fundamentals | 3 |
| ECO 210 Economic Theory 1A Micro (satisfies GE area D1) | 3 |
| HIS 101 History Of United States | 3 |
| Hours | 15 |
| Spring | |
| GE Area F Ethnic Studies | 3 |
| POL 101 American Institutions | 3 |
| ACC 231 Managerial Accounting | 3 |
| ECO 211 Economic Theory 1B Macro | 3 |
| LAW 240 Legal Environment of Business | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| CIS 370 Info Sys Theory and Practice | 3 |
| OMG 321 Business Statistics | 3 |
| MGT 310 Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| ENG 350 Advanced Composition (GWAR satisfying course) | 3 |
| Hours | 17 |
| Spring | |
| MKT 350 Principles Of Marketing | 3 |
| MKT 355 Consumer Behavior | 3 |
| FIN 360 Business Finance | 3 |
| BUS 445 International Business | 3 |
| OMG 322 Operations Management | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| MKT 352 Advertising and Promotion MGT. | 3 |
| MKT 358 International Marketing | 3 |
| MKT 454 Marketing Research | 3 |
| MKT 459 Sem In Marketing Mgmt | 3 |
| Marketing Management Elective ¹ | 3 |
| Hours | 15 |
| Spring | |
| MGT 490 Strategic Management Seminar | 3 |
| Marketing Management Elective ¹ | 3 |
| Marketing Management Elective ¹ | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Hours | 15 |
| Total Hours | 123 |

¹ Marketing Management Emphasis Elective (Complete 3 courses from the following): MGT 330, MKT 351, MKT 353, MKT 450, MKT 451, MKT 452, MKT 495

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 17 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| MKT 355 | Consumer Behavior | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| MKT 352 | Advertising and Promotion MGT. | 3 |
| MKT 358 | International Marketing | 3 |
| MKT 454 | Marketing Research | 3 |
| MKT 459 | Sem In Marketing Mgmt | 3 |
| Marketing Management Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| Marketing Management Elective ¹ | | 3 |
| Marketing Management Elective ¹ | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Marketing Management Emphasis Elective (Complete 3 courses from the following): MGT 330, MKT 351, MKT 353, MKT 450, MKT 451, MKT 452, MKT 495

Marketing Concentration-Advertising Emphasis

4- Year Roadmap

| Course | Title | Hours |
|--|-------|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |

| | |
|--|---|
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| GE Area B4 Quantitative Reasoning | 3 |
| GE Area C2 Letters Course | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |

Hours 16

Second Year

Fall

| | |
|---|---|
| Additional GE in Area C1 or C2 | 3 |
| ACC 230 Financial Accounting | 3 |
| CIS 270 Info Sys/Tech Fundamentals | 3 |
| ECO 210 Economic Theory 1A Micro (satisfies GE area D1) | 3 |
| HIS 101 History Of United States | 3 |

Hours 15

Spring

| | |
|---------------------------------------|---|
| GE Area F Ethnic Studies | 3 |
| POL 101 American Institutions | 3 |
| ACC 231 Managerial Accounting | 3 |
| ECO 211 Economic Theory 1B Macro | 3 |
| LAW 240 Legal Environment of Business | 3 |

Hours 15

Third Year

Fall

| | |
|---|---|
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| CIS 370 Info Sys Theory and Practice | 3 |
| OMG 321 Business Statistics | 3 |
| MGT 310 Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | 1 |
| ENG 350 Advanced Composition (GWAR satisfying course) | 3 |

Hours 17

Spring

| | |
|------------------------------------|---|
| MKT 350 Principles Of Marketing | 3 |
| FIN 360 Business Finance | 3 |
| BUS 445 International Business | 3 |
| OMG 322 Operations Management | 3 |
| COM 344 Advertising Media Analysis | 3 |

Hours 15

Fourth Year

Fall

| | |
|---|---|
| MKT 352 Advertising and Promotion MGT. | 3 |
| MKT 454 Marketing Research | 3 |
| MKT 355 Consumer Behavior | 3 |
| Advertising Track Elective ¹ | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |

Hours 15

Spring

| | |
|--|---|
| MGT 490 Strategic Management Seminar | 3 |
| MKT 459 Sem In Marketing Mgmt | 3 |
| Advertising Track Elective ¹ | 3 |
| Advertising Track Elective ¹ | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |

Hours 15

Total Hours 123

¹ Advertising Emphasis Electives (complete 3 courses from the following): COM 342, COM 365, MKT 450, MKT 452, MKT 495

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |
| COM 344 | Advertising Media Analysis | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| MKT 352 | Advertising and Promotion MGT. | 3 |
| MKT 454 | Marketing Research | 3 |
| MKT 355 | Consumer Behavior | 3 |
| Advertising Emphasis Elective ¹ | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| MKT 459 | Sem In Marketing Mgmt | 3 |
| Advertising Emphasis Elective ¹ | | 3 |
| Advertising Emphasis Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Advertising Emphasis Electives (complete 3 courses from the following): COM 342, COM 365, MKT 450, MKT 452, MKT 495

Sports, Entertainment, and Hospitality Concentration

4- Year Roadmap

| Course | Title | Hours |
|--|-------|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 16 |

| Second Year | | |
|---|---|------------|
| Fall | | |
| ACC 230 | Financial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ECO 210 | Economic Theory 1A Micro (satisfies GE area D1) | 3 |
| HIS 101 | History Of United States | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area F Ethnic Studies | | |
| POL 101 | American Institutions | 3 |
| ACC 231 | Managerial Accounting | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| LAW 240 | Legal Environment of Business | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| GE Area D3 Integrative Studies in the Social Sciences | | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| SEH 310 | Sports Enter & Hospitality MGT | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| MKT 452 | Sports & Entertainment Mkt. | 3 |
| SEH 348 | Principles of Travel & Tourism | 3 |
| SEH 448 | Hotel and Resort Management | 3 |
| SEH Management Elective ¹ | | 3 |
| SEH Management Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| SEH Management Elective ¹ | | 3 |
| SEH Management Elective ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 123 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| OMG 321 | Business Statistics | 3 |
| MGT 310 | Management Theory | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| BUS UD Core Writing (BUS 301 or BUS 302 or BUS 303) | | 1 |
| Hours | | 17 |

| | | |
|---|--------------------------------|-----------|
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| SEH 310 | Sports Enter & Hospitality MGT | 3 |
| FIN 360 | Business Finance | 3 |
| BUS 445 | International Business | 3 |
| OMG 322 | Operations Management | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| MKT 452 | Sports & Entertainment Mkt. | 3 |
| SEH 348 | Principles of Travel & Tourism | 3 |
| SEH 448 | Hotel and Resort Management | 3 |
| SEH Management Elective ¹ | | 3 |
| SEH Management Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| MGT 490 | Strategic Management Seminar | 3 |
| SEH Management Elective ¹ | | 3 |
| SEH Management Elective ¹ | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

Business Administration, Minor

The Minor in Business Administration is designed for students majoring in other fields who wish to acquire a basic knowledge of business. All lower division courses required for the Business Administration minor must be completed with a grade of "C" or better prior to enrollment in upper division courses. Permission of an advisor is required to enroll in upper division courses.

Requirements

| Code | Title | Hours |
|--|------------------------------|-----------|
| Lower Division Required Courses | | |
| ECO 210 | Economic Theory 1A Micro | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| ACC 230 | Financial Accounting | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Upper Division Requirements | | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| FIN 360 | Business Finance | 3 |
| MGT 310 | Management Theory | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| Select one additional upper division course in Business Administration with the assistance of the School of Business and Public Administration coordinator of undergraduate advisement | | 3 |
| Total Hours | | 27 |

Data Analytics, Minor

The Minor in Data Analytics offers students an opportunity to acquire an in-depth understanding of methods and applications of data analytics. It thus provides an excellent complement and/or improvement to the functional knowledge obtained through other programs. Two preparation courses (6 units) and four concentration courses (12 units) comprise the minor.

Degree Requirements

The Minor in Data Analytics offers students an opportunity to acquire an in-depth understanding of methods and applications of data analytics. It thus provides an excellent complement and/or improvement to the functional knowledge obtained through other programs. Two preparation courses (6 units) and four concentration courses (12 units) comprise the minor.

Preparation for the Minor (6 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| CJA 341 | Statistics in Criminal Justice Administration | 3 |
| PUB 305 | Applied Statistics in Public Administration | 3 |
| OMG 321 | Business Statistics | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| Total Hours | | 12 |

The Minor (12 units)

| Code | Title | Hours |
|---|---|-------------|
| CIS 373 | Database Systems | 3 |
| Select two or all three of the following courses | | 6-9 |
| CIS 380 | Introduction to Programming for Data Analysis | |
| OMG 423 | Quantitative Analysis | |
| CIS 480 | Data Mining and Business Intelligence | |
| Select one from the following if the fourth course for the minor is still needed: | | 0-3 |
| CIS 371 | Business Programming II | |
| CIS 372 | Systems Analysis and Design | |
| CIS 375 | Data Communications | |
| CIS 378 | Info Security Theories & Pract | |
| CIS 471 | Adv Network Based Applications | |
| CIS 474 | Project Management Fundamentals | |
| CIS 476 | Adv Concepts Bus Systems | |
| Total Hours | | 9-15 |

Executive Management Certificate

The Executive Management Certificate is designed to provide a body of knowledge for management staff in small to medium-sized general-business firms, including hotels and resorts, who may not have a management degree. This set of coursework will provide essential academic background to accompany real-world management experience. This course sequence will explore all major facets of management for both domestic and international firms.

The Executive Management Certificate is designed to provide a body of knowledge for management staff in small to medium-sized general-business firms, including hotels and resorts, who may not have a management degree. This set of coursework will provide essential academic background to accompany real-world management experience. This course sequence will explore all major facets of management for both domestic and international firms.

Requirements

Required Courses (15 units)

| Code | Title | Hours |
|----------------------------|-----------------------------|-------|
| Select four courses | | |
| HRM 313 | Human Resources Management | |
| MGT 310 | Management Theory | |
| MGT 312 | Organizational Behavior | |
| MGT 416 | Leadership | |
| MGT 418 | International Management | |
| SEH 448 | Hotel and Resort Management | |

The certificate's objectives are:

- To provide background theory on how to manage staff and an organization.
- To provide the fundamentals of how and why organizations operate as they do.
- To provide insight into how to lead a staff and an organization.
- To provide knowledge of how to staff and manage an organization's workforce.
- To provide specific knowledge into the issues of managing hotels and resorts.
- To provide insight into the ideas and issues surrounding managing an organization that is interconnected to other organizations in a globalized world.

Information Systems Security, Minor

The Minor in Information Systems Security offers students an opportunity to acquire an in-depth understanding of methods and applications of information security. It thus provides an excellent compliment and/or improvement to the functional knowledge obtained through other programs. Two preparation courses (6 units) and five ISS concentration courses (15 units) comprise the minor.

The Minor in Information Systems Security offers students an opportunity to acquire an in-depth understanding of methods and applications of information security. It thus provides an excellent compliment and/or improvement to the functional knowledge obtained through other programs. Two preparation courses (6 units) and five ISS concentration courses (15 units) comprise the minor.

Requirements

Preparation for the Minor: (6 units)

| Code | Title | Hours |
|--|---|----------|
| Select one of the following two courses: | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | |
| CSC 111 | Introduction to Computers and Basic Programming | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| Total Hours | | 6 |

The Minor: (15 units)

| Code | Title | Hours |
|---------------------------------------|--|-------|
| CIS 378 | Info Security Theories & Pract | 3 |
| CIS 478 | Firewall and Computer Network Security | 3 |
| CIS 482 | Databases & Web Security | 3 |
| CIS 488 | Mgt of Information Security | 3 |
| Select one course from the following: | | 3 |

| | |
|--------------------|-----------------------------|
| CIS 272 | Business Programming I |
| CIS 275 | Internet Literacy |
| CIS 372 | Systems Analysis and Design |
| CIS 373 | Database Systems |
| CIS 375 | Data Communications |
| Total Hours | 15 |

Information Systems, Certificate

The Information Systems Certificate program is designed to meet the needs of individuals who already hold a bachelor's degree in another area, either in business with a concentration in another field or outside of business, and who now wish to acquire information systems competence. The certificate may be earned by regularly matriculating students who complete the listed CSUDH courses, or show evidence of having done so elsewhere, where an overall GPA of no less than 2.5. At least four of the Information Systems Curriculum courses must be taken at CSUDH, and the certificate will be granted upon completion of requirements.

The Information Systems Certificate program is designed to meet the needs of individuals who already hold a bachelor's degree in another area, either in business with a concentration in another field or outside of business, and who now wish to acquire information systems competence. The certificate may be earned by regularly matriculating students who complete the listed CSUDH courses, or show evidence of having done so elsewhere, where an overall GPA of no less than 2.5. At least four of the Information Systems Curriculum courses must be taken at CSUDH, and the certificate will be granted upon completion of requirements.

Requirements

| Code | Title | Hours |
|--|---------------------------------|-------|
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| CIS 370 | Info Sys Theory and Practice | 3 |
| Select one of the following Options: | | 15 |
| Option 1: Systems Design and Management: | | |
| CIS 372 | Systems Analysis and Design | |
| CIS 373 | Database Systems | |
| CIS 474 | Project Management Fundamentals | |
| Select two of the following courses: | | |
| CIS 272 | Business Programming I | |
| CIS 275 | Internet Literacy | |
| CIS 276 | Personal Product with IS Tech | |
| CIS 370 | Info Sys Theory and Practice | |
| CIS 371 | Business Programming II | |
| CIS 375 | Data Communications | |
| CIS 471 | Adv Network Based Applications | |
| Option 2: Network Application | | |
| CIS 275 | Internet Literacy | |
| CIS 375 | Data Communications | |
| CIS 471 | Adv Network Based Applications | |
| Select two of the following courses: | | |
| CIS 272 | Business Programming I | |
| CIS 276 | Personal Product with IS Tech | |
| CIS 370 | Info Sys Theory and Practice | |

| | |
|--------------------|---------------------------------|
| CIS 371 | Business Programming II |
| CIS 372 | Systems Analysis and Design |
| CIS 474 | Project Management Fundamentals |
| Total Hours | 21 |

Information Systems, Minor

The Minor in Information Systems offers students the opportunities to acquire an in-depth understanding of technical foundations and business applications of information systems. It thus provides an excellent complement and/or improvement to training in other concentrations. A total of two preparation courses (6-7 units) and four IS concentration courses (12 units) comprise the minor.

The Minor in Information Systems offers students the opportunities to acquire an in-depth understanding of technical foundations and business applications of information systems. It thus provides an excellent complement and/or improvement to training in other concentrations. A total of two preparation courses (6-7 units) and four IS concentration courses (12 units) comprise the minor.

Requirements

Preparation for the Minor: (6-7 units)

| Code | Title | Hours |
|---------------------------------------|--|------------|
| Select one course from the following: | | |
| CIS 270 | Info Sys/Tech Fundamentals | 3-4 |
| CSC 111 | Introduction to Computers and Basic Programming | |
| CSC 121 | Introduction to Computer Science and Programming I | |
| CIS 370 | Info Sys Theory and Practice | 3 |
| Total Hours | | 6-7 |

The Minor: (12 units)

| Code | Title | Hours |
|--|--|-----------|
| CIS 372 | Systems Analysis and Design | 3 |
| CIS 373 | Database Systems | 3 |
| Select two courses from the following: | | |
| CIS 272 | Business Programming I | |
| CIS 275 | Internet Literacy | |
| CIS 371 | Business Programming II | |
| CIS 375 | Data Communications | |
| CIS 378 | Info Security Theories & Pract | |
| CIS 471 | Adv Network Based Applications | |
| CIS 474 | Project Management Fundamentals | |
| CIS 476 | Adv Concepts Bus Systems | |
| CIS 477 | Adv Data Communications | |
| CIS 478 | Firewall and Computer Network Security | |
| CIS 480 | Data Mining and Business Intelligence | |
| CIS 482 | Databases & Web Security | |
| CIS 488 | Mgt of Information Security | |
| CIS 496 | Internship In CIS | |
| Total Hours | | 12 |

Logistics Management, Post-MBA Certificate

Requirements

- A Master's Degree from an accredited university.
- Approval by the Assistant Dean.
- The certificate may be earned by regularly matriculated students who complete the following CSUDH courses:

| Code | Title | Hours |
|--------------------|------------------------------|-----------|
| OMG 510 | Logistics Applications | 3 |
| OMG 520 | Logistics Case Studies | 3 |
| CIS 530 | Enterprise Resource Planning | 3 |
| CIS 575 | SAP Supply Chain | 3 |
| Total Hours | | 12 |

Management, Minor

The Minor in Management is designed for students majoring in other fields who wish to acquire knowledge and skill in basic management applicable to all organizations. A total of 15 units in upper division Management courses is required. A grade point average of 2.0 must be achieved in the minor. Permission of CBAPP Student Success Center is required to enroll in upper division management courses.

The Minor in Management is designed for students majoring in other fields who wish to acquire knowledge and skill in basic management applicable to all organizations. A total of 15 units in upper division Management courses is required. A grade point average of 2.0 must be achieved in the minor. Permission of CBAPP Student Success Center is required to enroll in upper division management courses.

Requirements

| Code | Title | Hours |
|-------------------------|-------------------------------------|-----------|
| Required Courses | | |
| HRM 313 | Human Resources Management | 3 |
| HRM 316 | Labor & Industrial Relations | 3 |
| MGT 310 | Management Theory | 3 |
| MGT 312 | Organizational Behavior | 3 |
| Elective | | |
| MGT 416 | Leadership | 3 |
| | or MGT 418 International Management | |
| Total Hours | | 15 |

Marketing, Certificate

The Marketing Certificate program is designed to meet the needs of individuals who already hold a bachelor's degree in another area, either in business with a concentration in another field or outside of business, and who now wish to acquire marketing knowledge and competence. The certificate may be earned by regularly matriculated students who complete the following CSUDH courses, or show evidence of having done so elsewhere, with a grade point average of no less than 2.5. At least four of the six marketing curriculum courses must be taken at CSU Dominguez Hills.

Requirements

Marketing Certificate Prerequisites (12 units)

The following are the courses required for students without a Bachelor's degree in Business:

| Code | Title | Hours |
|-------------------------------------|---|-----------|
| Lower Division Prerequisites | | |
| CIS 270 | Info Sys/Tech Fundamentals ¹ | 3 |
| ECO 210 | Economic Theory 1A Micro | 3 |
| Upper Division Prerequisites | | |
| MKT 350 | Principles Of Marketing | 3 |
| OMG 321 | Business Statistics | 3 |
| Total Hours | | 12 |

¹ **Note:** Students who can demonstrate competence in computer application software usage, specifically word processing and spreadsheet software, will not be required to take CIS 270 Info Sys/ Tech Fundamentals.

Marketing Certificate Requirements (18 units)

The following are the required courses for **all** students interested in the Certificate in Marketing, including those with a business degree in a non-marketing area:

| Code | Title | Hours |
|--|--|-----------|
| MKT 355 | Consumer Behavior | 3 |
| MKT 454 | Marketing Research | 3 |
| MKT 459 | Sem In Marketing Mgmt | 3 |
| Select three courses from the following: | | 9 |
| MKT 351 | Sales Mgt & Techniques | |
| MKT 352 | Advertising and Promotion MGT. | |
| MKT 353 | Retail Mktg Management | |
| MKT 358 | International Marketing | |
| MKT 450 | Internet Marketing | |
| MKT 452 | Sports & Entertainment Mkt. | |
| MKT 495 | Special Topics in Marketing ¹ | |
| OMG 430 | Enterprise Resource Planning and Supply Chain Management Cases | |
| Total Hours | | 18 |

¹ **Note:** May be taken twice with different topics.

Marketing, Minor

The Minor in Marketing is designed for students majoring in other fields who wish to acquire marketing knowledge and competence. A total of 12 units in upper division marketing courses are required. It is suggested that students take ECO 210 Economic Theory 1A Micro prior to enrolling in MKT 350 Principles Of Marketing. A grade point average of 2.0 must be achieved in the minor.

The Minor in Marketing is designed for students majoring in other fields who wish to acquire marketing knowledge and competence. A total of 12 units in upper division marketing courses are required. It is suggested that students take ECO 210 Economic Theory 1A Micro prior to enrolling

in MKT 350 Principles Of Marketing. A grade point average of 2.0 must be achieved in the minor.

Requirements

| Code | Title | Hours |
|---|--|-----------|
| Required Course | | |
| MKT 350 | Principles Of Marketing | 3 |
| Electives | | |
| Select three elective courses from the following: | | 9 |
| MKT 351 | Sales Mgt & Techniques | |
| MKT 352 | Advertising and Promotion MGT. | |
| MKT 353 | Retail Mktg Management | |
| MKT 355 | Consumer Behavior | |
| MKT 358 | International Marketing | |
| MKT 450 | Internet Marketing | |
| MKT 452 | Sports & Entertainment Mkt. | |
| MKT 454 | Marketing Research | |
| MKT 495 | Special Topics in Marketing ¹ | |
| Total Hours | | 12 |

¹ May be taken twice with different topics.

Marketing, Post-MBA Certificate

The Marketing Certificate program is designed to meet the needs of individuals who already hold a master's degree in another area, with a concentration in another field who now wish to acquire marketing knowledge and competence.

The Marketing Certificate program is designed to meet the needs of individuals who already hold a master's degree in another area, with a concentration in another field who now wish to acquire marketing knowledge and competence.

Admission Requirements

- A Master's degree from an accredited university.
- Approval by the Assistant Dean.
- The certificate may be earned by regularly matriculated students who complete the following CSUDH courses:

| Code | Title | Hours |
|--|-------------------------------|-----------|
| MKT 500 | Marketing Management | 3 |
| MKT 501 | Marketing Information Mgt | 3 |
| MKT 580 | Strategic Marketing | 3 |
| Select two electives from the following: | | 6 |
| MKT 510 | Business-to-Busingess Mkt | |
| MKT 512 | Seminar in Services Marketing | |
| MKT 530 | Negotiation and Presentations | |
| MKT 531 | Sales Management | |
| MKT 545 | New Product Development | |
| MKT 550 | Internet Marketing | |
| MKT 555 | Seminar in Consumer Behavior | |
| MKT 595 | Special Topics | |
| Total Hours | | 15 |

Sports Management, Certificate

The Certificate in Sports Management program is designed to meet the needs of individuals who already hold a Bachelor's degree. The program trains students and professionals for a long list of careers, including professional and amateur sports, intercollegiate athletics, sports marketing or event and facility management. The certificate program tackles the growing complexity of the sports business, facilities and entertainment industries with four core courses: Ticketing Operations, Leadership, Strategic Sport Marketing and Sport Venue and Event Management. The following segments of the sport industry provide most of the job opportunities:

- Professional Sports Operations
- Sport Marketing and Sponsorship
- Facility & Event Management
- College Athletics
- Sports Media & Communication
- Athletics Representation

Requirements

Students are required to have a Bachelor's degree. Limited computer experience is also needed to take the four courses offered online. An access to Internet is required in order to take the courses.

| Code | Title | Hours |
|--------------------|--|-----------|
| SEH 400 | Tickets Operations in the Entertainment Industry | 3 |
| SEH 401 | Leadership in the Entertainment Industry | 3 |
| SEH 402 | Strategic Sports Marketing | 3 |
| SEH 403 | Sport Venue and Event Management | 3 |
| Total Hours | | 12 |

Chemistry

College of Natural and Behavioral Sciences

Department of Chemistry and Biochemistry (<https://www.csudh.edu/chemistry/>)

Department Mission Statement

California State University Dominguez Hills (CSUDH) Department of Chemistry provides world-class academic excellence – across the chemical society – by engaging a diverse student body and faculty in a dynamic learning environment. Our department provides cutting-edge research and is shaping the next generation of critical thinkers, scientists, and industry leaders.

Program Description

The Department of Chemistry and Biochemistry offers majors leading to a Bachelor of Science or a Bachelor of Arts Degree. The B.A. degree also has a Biochemistry Option. The Bachelor of Science in Chemistry is designed primarily for students who plan to enter graduate programs in chemistry or other closely related sciences. This program is approved by the American Chemical Society, meeting its guidelines and standards for undergraduate chemistry education. Students graduating with this degree will receive a certificate from the American Chemical Society. The Bachelor of Arts in Chemistry fulfills the need of those students who are pursuing pre-medical or pre-dental programs as well as those who plan to enter fields such as business, environmental or patent law, where a

background in chemistry can be of great utility. Our department webpage link is <https://www.csudh.edu/chemistry/>

Features

The department is housed in well-equipped offices and laboratories on the third floor of the Science and Innovation Building. The faculty consists of full-time members who represent all the major areas of chemistry. Students generally benefit from the smaller class sizes and the individualized attention, which is seldom available at large universities. Students are introduced to modern instrumental techniques and are given many "hands-on" experience opportunities.

Academic Advising

Students who are majoring in chemistry should be advised once each semester, prior to registration. For a list of advisors in the department of chemistry and biochemistry, please visit our website <https://www.csudh.edu/chemistry/>

Preparation

High school students should include two years of algebra, one year of geometry and a one-year course in chemistry in their high school preparation. A course in high school physics also is recommended. Students who enter without this preparation must expect to delay their graduation beyond the minimum time-period of four years. Either student take our introduction to chemistry of CHE108 and earn Credit or take the Chemistry placement exam and pass to be placed in the CHE110 General Chemistry I.

Community college transfers should have completed one year of general chemistry, one year of calculus and one year of physics. They MUST transfer their entire sequence to earn transfer credit/be articulated for our CHE110 and CHE112 general chemistry series in our department. Please refer to www.assist.org (<http://www.assist.org/>) for all agreed and approved articulation requests from Community Colleges, CSUs, and UCs.

Pre-Medical Professions Training in Biochemistry

Students who wish to apply to professional schools of medicine, dentistry, veterinary medicine, or other medical areas following graduation should consider completing the requirement for a B.S. degree in Chemistry in Biochemistry. In addition, students should complete the elective course that was not selected to fulfill the degree requirements. The following courses are not usually required for admission to medical school, but it is recommended that students consider them when planning their academic program. Many former students have found them to be a valuable introduction to courses that must be taken in many professional programs. Please note: BIO220 Molecular Biology is a pre-requisite for BIO320 and BIO340. Biochemistry students do not need to take BIO124 & BIO125. 6 Units in the C Elective area is required for BS Biochemistry majors listed below.

| Code | Title | Hours |
|---------|---------------------------|-------|
| BIO 314 | Developmental Biology | 3 |
| BIO 315 | Developmental Biology Lab | 1 |
| BIO 320 | Cell Biology | 3 |
| BIO 340 | Genetics | 3 |

Student Organizations

Membership in the Chemistry & Biochemistry Club of CSU Dominguez Hills is open to all students (https://torolink.csudh.edu/organization/chem_biochem (https://torolink.csudh.edu/organization/chem_biochem/)). CSUDH Chemistry & Biochemistry Club

The purpose of this organization is to expand the perception and appreciation of Chemistry & Biochemistry. The mission of the club serves as a valuable medium for information, opportunities, and networking that would assist the academic and professional career goals of students and faculty. All CSUDH students, faculty, and alumni who are interested in chemistry and biochemistry are welcome to join the CSUDH Chemistry & Biochemistry Club.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Chemistry provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major;

Career Possibilities

A Major in Chemistry either as a B.A. or B.S. will prepare students for graduate work in chemistry or biochemistry; teaching chemistry in secondary schools; employment with industry or government; entry into professional schools such as medicine or dentistry; or entry into law school with a view toward specialization in patent or environmental law.

Students may prepare for a career in teaching science at the secondary level (junior high or high school) by completing an approved "Subject Matter Preparation Program." Completion of such a program is the first step in meeting the state requirements for a teaching credential. As the program requirements for the "Subject Matter Preparation Program" in science have changed recently, interested students should consult the departmentally designated advisor for current information.

Undergraduate Programs

Bachelors

- Chemistry, Bachelor of Arts (p. 443)
- Chemistry, Bachelor of Science (p. 446)

Minor

- Organic/Biochemistry, Minor (p. 448)

Graduate Programs

Subject Matter Authorization

- Chemistry, Subject Matter Authorization (p. 447)

Faculty

Arumugam Thangavel, Department Chair
H. Leonardo Martinez, Noel Sturm, Lihung Pu, Tieli Wang, Kenneth R. Rodriguez, Kari Pederson, Erin McCauley, Barbara Belmont, and Lida Latifzadeh

Staff

Laboratory Technicians: Anthony Diaz (Led Lab Technician),

Justin Hathaway, and Amber M. Rivas
 Department Office: SCI 324, (310) 243-3376

Emeriti Faculty

Ulrich de la Camp, L. Danette Dobyns, Eugene N. Garcia, James Lyle, Sofia Papatheodorou, Oliver Seely, William Wilk, George Wiger

Courses

CHE 102. Chemistry For The Citizen. (3 Units)

A non-mathematical treatment of the basic principles of chemistry and their application to various facets of life in a highly technological society. Offered Fall, Spring, All terms

CHE 103. Chemistry Lab for the Global Citizen. (1 Units)

Recommended general education course for students interested in the chemistry of everyday life. Includes determining the composition of foods and drugs, measurements, unit conversions, scientific notation, chemical representations, mole concept, structure of atoms and molecules. Three hours of laboratory per week. Offered Fall, Spring

CHE 108. Introduction to College Chemistry. (5 Units)

Measurements, units, unit conversion, scientific notation, chemical stoichiometry, mole concept, structure of atoms and molecules. CR/NC grading. Three hours of lecture and six hours of laboratory per week. Offered Fall, Spring, All terms

CHE 110. General Chemistry I. (5 Units)

Prerequisites: CHE 108 or high school chemistry and satisfactory performance on the General Chemistry Placement test. Chemical stoichiometry, atomic structure, periodic table, quantum theory, gases, thermochemistry, ionic bonding, Lewis formulas, liquids, solids, solutions. Four hours of lecture and three hours of laboratory per week. Offered Fall, Spring, All terms

CHE 112. General Chemistry II. (5 Units)

Prerequisite: CHE 110. Chemical kinetics, equilibria, thermodynamics, acids and bases, solubility, electrochemistry, covalent bonding, transition metal complexes. Four hours of lecture and three hours of laboratory per week. Offered Fall, Spring, All terms

CHE 230. Quantitative Analysis. (4 Units)

Prerequisite: CHE 112. Introduction to the techniques and theory of gravimetric and volumetric analyses, colorimetry, flame photometry and electroanalytical procedures. Two hours of lecture and six hours of laboratory per week. Laboratory fee required. Offered Fall, Spring

CHE 300. Organic Chemistry I. (3 Units)

Prerequisite: CHE 112 or 1 year of general chemistry. A detailed study of organic molecular structure, reaction mechanisms stereochemistry, and synthesis with emphasis on a aliphatic and aromatic systems. Offered Summer

CHE 301. Organic Chemistry Lab I. (1 Units)

Prerequisites: CHE 112 or 1 year of general chemistry; concurrent enrollment in CHE 300. Basic experimental techniques of organic chemistry. Three hours of laboratory per week. Offered Summer

CHE 302. Organic Chemistry II. (3 Units)

Prerequisites: CHE 300 and CHE 301. Concurrent enrollment in CHE 303. Continuation of CHE 300 with emphasis on the chemistry of organic compounds containing oxygen and nitrogen. Offered Summer

CHE 303. Organic Chemistry Lab II. (1 Units)

Prerequisites: CHE 112 or 1 year of general chemistry; concurrent enrollment in CHE 302. Preparation of organic compounds and qualitative organic analysis. Three hours of laboratory per week. Offered Summer

CHE 310. Organic Chemistry I. (4 Units)

Prerequisites: CHE 112; concurrent enrollment in CHE 311. Systematic study of organic compounds, with emphasis on molecular structure and reaction mechanisms; stereochemistry; aliphatic compounds. Offered Fall, Spring

CHE 311. Organic Chemistry Lab I. (1 Units)

Prerequisite: Concurrent enrollment in CHE 310. Techniques of separation and purification of organic compounds. Introduction to organic synthesis. Three hours of laboratory per week. Fee required. Offered Fall, Spring

CHE 312. Organic Chemistry II. (3 Units)

Prerequisites: CHE 310, CHE 311; concurrent enrollment in CHE 313. A continuation of CHE 310 with emphasis on aromatic systems. Introduction to spectroscopy. Structures and reactions of organic compounds containing oxygen and nitrogen. Offered Fall, Spring

CHE 313. Organic Chemistry Laboratory II. (2 Units)

Prerequisites: CHE 310, CHE 311; concurrent enrollment in CHE 312. Organic synthesis, introduction to spectroscopy. Qualitative organic analysis. Six hours of laboratory per week. Fee required. Offered Fall, Spring

CHE 316. Survey of Organic Chemistry. (3 Units)

Prerequisite: CHE 112 and concurrent enrollment in CHE 317. Structure and properties of aliphatic and aromatic compounds. Stereochemistry and functional group chemistry. Oriented toward life sciences and related areas. Offered Fall, Spring

CHE 317. Survey of Organic Chemistry Laboratory. (1 Units)

Co-requisite: CHE 316. Basic purification processes and techniques of separation of mixtures. Preparation of organic compounds. Introduction to qualitative and quantitative analytical methods, including chemical, chromatographic, and spectroscopic procedures. Three hours of laboratory per week. Fee required. Offered Fall, Spring

CHE 320. Physical Chemistry I. (5 Units)

Prerequisites: CHE 112 and CHE 230; MAT 193; PHY 132. PHY 122 may be substituted for PHY 132 by students in the biochemistry option and by non-chemistry majors, with consent of instructor. Principles and applications of classical thermodynamics and chemical kinetics. Introduction to computer based techniques of treating scientific data. Offered Fall

CHE 322. Physical Chemistry II. (3 Units)

Prerequisite: CHE 320. Introduction to group theory, quantum chemistry, spectroscopy and statistical thermodynamics. Offered Spring

CHE 360. Writing in Chemical Sciences. (2 Units)

Prerequisites: CHE 310 or concurrent enrollment required. Extensive practice in written chemistry communication, emphasizing effective communication of scientific data to a wide variety of audiences. Extensive practice in writing chemistry reports and summaries, preparing career related documents, searching and evaluating chemical literature. A grade of C or better in this course fulfills the GEAR requirement for all Chemistry and Biochemistry majors.
Offered Fall, Spring

CHE 393. Supervised Projects. (1-3 Units)

Prerequisites: CHE 112 and consent of instructor. Laboratory projects to be carried out under the supervision of a chemistry faculty member. Designed for students of sophomore and junior standing. A-C/NC grading. Repeatable course. Three to nine hours of laboratory per week.
Offered Fall, Spring

CHE 420. Advanced App for Chemistry. (2 Units)

Prerequisite: CHE 320. Advanced applications for chemistry including computational techniques, molecular modeling, combinatorial approaches to synthesis, data acquisition and analysis, and use of computers to simulate spectral data. One hour of lecture and two hours of activity per week.
Offered Spring

CHE 431. Adv Integrated Lab I Lec. (3 Units)

Prerequisites: CHE 230 and CHE 320. Experimental work involving instrumental analytical techniques, inorganic syntheses, physical measurements on chemical systems. Analysis of experimental data, including the use of computer techniques. One hour of lecture and six hours of laboratory per week.
Offered Fall

CHE 433. Adv Integrated Lab II Lec. (3 Units)

Prerequisites: CHE 431 and CHE 322. A continuation of CHE 431. One hour of lecture and six hours of laboratory per week.
Offered Spring

CHE 440. Inorganic Chemistry. (4 Units)

Prerequisite: CHE 322. Structural inorganic chemistry, coordination compounds, mechanisms of inorganic reactions, inorganic synthetic methods. Organometallic chemistry, catalysis.
Offered Spring

CHE 450. Biochemistry I. (4 Units)

Prerequisites: CHE 230, CHE 312 and CHE 313, or CHE 316 and CHE 317, and concurrent enrollment in CHE 451. The chemistry of amino acids and proteins; the chemistry and metabolism of carbohydrates and lipids; energetics in living systems.
Offered Fall, Spring

CHE 451. Biochemistry I Lab. (1 Units)

Prerequisites: CHE 230, CHE 312, and CHE 313, or CHE 316 and CHE 317, and concurrent enrollment in CHE 450. Biochemistry laboratory experiments using advanced techniques for separation and analysis of biologically active compounds. Three hours of laboratory per week. Fee required.
Offered Fall, Spring

CHE 452. Biochemistry II. (4 Units)

Prerequisite: CHE 450. Metabolism of nitrogenous compounds, discussion of nucleic acid structure/function and metabolic control.
Offered Spring

CHE 453. Biochemistry II Lab. (2 Units)

Prerequisites: CHE 451 and concurrent enrollment in CHE 452. Biochemistry experiments using advanced techniques for the isolation and purification of macromolecules, and for determination of their activity or function. Six hours of laboratory per week.
Offered Spring

CHE 456. Clinical Chemistry. (3 Units)

Prerequisites: CHE 450 and CHE 451. Methods of analysis of body fluids and tissues. Relation of analytical results to interpretation of metabolism and diagnosis of disease. Three hours of lecture and three hours of laboratory per week. Laboratory fee required.
Offered Fall, Spring

CHE 458. Toxicology. (3 Units)

Prerequisites: CHE 450 is required; CHE 452 is recommended. Discussion of methods of introduction of toxic substances into the body, their metabolic transformations, and their biochemical and physiological effects. Examples drawn from forensic, clinical, occupational, and environmental sources.
Offered Infrequent

CHE 460. Chemical Literature. (2 Units)

Prerequisites: CHE 312 and CHE 320. Chemical literature, including the nature, content, and accessibility. Modern electronic search and retrieval techniques. CR/NC grading.
Offered Spring

CHE 474. Geochemistry. (3 Units)

Prerequisites: CHE 112 is required; EAR 356 is recommended. Factors controlling the distribution of the chemical elements in the earth, atmosphere and oceans. Methods in the analysis of minerals. Special consideration of economically important metals. Applications in earth sciences, chemistry, and environmental studies. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

CHE 495. Selected Topics in Chemistry. (1-3 Units)

Prerequisite: Consent of instructor. Lectures on a specific area of current interest in chemistry, or advanced discussion of a selected topic in a limited field of chemistry. Repeatable course. One to three hours of lecture per week.
Offered Fall, Spring

CHE 497. Directed Research. (1-3 Units)

Prerequisites: Senior standing and consent of instructor. Advanced laboratory work, with each student undertaking an independent and original investigation. A-C/NC grading. Repeatable course. Three or nine hours of laboratory per week.
Offered Fall, Spring

Chemistry, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required.

Major Requirements (60-62 units)

Students must select one of the options listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree. A grade of "C" or better must be achieved in all courses.

Each B.A. Chemistry major must select one of the options listed below:

Biochemistry Option (62-64 units)

| Code | Title | Hours |
|--|---|-------|
| Lower Division Required Courses | | |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis | 4 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| Select one of the following: | | 8-10 |
| PHY 130 & PHY 132 | General Physics I and General Physics II | |
| PHY 120 & PHY 122 | Elements Of Physics I and Elements Of Physics II | |

Upper Division Required Courses

| | | |
|--------------------|---------------------------------|--------------|
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 320 | Physical Chemistry I | 5 |
| CHE 360 | Writing in Chemical Sciences | 2 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| CHE 452 | Biochemistry II | 4 |
| CHE 453 | Biochemistry II Lab | 2 |
| Total Hours | | 62-64 |

General Chemistry Option (63 units)

| Code | Title | Hours |
|--|-----------------------|-------|
| Lower Division Required Courses | | |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis | 4 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |

Upper Division Required Courses

| | | |
|--------------------|---------------------------------|-----------|
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 320 | Physical Chemistry I | 5 |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 360 | Writing in Chemical Sciences | 2 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 431 | Adv Integrated Lab I Lec | 3 |
| CHE 440 | Inorganic Chemistry | 4 |
| Total Hours | | 63 |

CHE 450 Biochemistry I: Major students may substitute this course for General Education Area E. Please contact the CNBS Student Success Center to request the course substitution.

- General familiarity with the following areas in chemistry: analytical, biochemistry, inorganic, organic and physical.
- Developed formal (abstract) thinking skills as well as concrete thinking skills.
- Learned how to think critically and analyze chemical problems
- The ability to work effectively and safely in a laboratory environment.
- The ability to work in teams as well as independently.
- The ability to communicate effectively, both orally and in writing

General Chemistry Option Roadmaps**4- Degree Roadmap**

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| MAT 191 | Calculus I (satisfies GE Area B4) | 5 |
| CHE 110 | General Chemistry I (satisfies GE Area B1 and B3) | 5 |
| Hours | | 16 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| CHE 112 | General Chemistry II | 5 |
| MAT 193 | Calculus II | 5 |
| GE Area C1 or C2 | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| CHE 230 | Quantitative Analysis | 4 |
| PHY 130 | General Physics I | 5 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| POL 101 | American Institutions | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area C1 or C2 | | 3 |
| GE Area D1 or D2 | | 3 |
| PHY 132 | General Physics II | 5 |
| Hours | | 17 |

Third Year

| Fall | | |
|---|-------------------------|-----------|
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| GE Area D1 or D2 | | 3 |
| Additional lower division GE in Area C1 or C2 | | 3 |
| Hours | | 16 |

| Spring | | |
|--------------------------|---|-----------|
| GE Area F Ethnic Studies | | |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 360 | Writing in Chemical Sciences (Satisfies GEAR requirement) | 2 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| Hours | | 15 |

Fourth Year

| Fall | | |
|--|--------------------------|-----------|
| GE Area B5 Integrative Studies in Natural Sciences | | |
| CHE 431 | Adv Integrated Lab I Lec | 3 |
| Elective to meet 120 units | | 3 |
| Lower division GE in Area B2 Life Sciences | | 3 |
| Hours | | 12 |

| Spring | | |
|---|---------------------|------------|
| CHE 440 | Inorganic Chemistry | 4 |
| CHE 460 | Chemical Literature | 2 |
| GE Area D3 Integrative Studies in the Social Sciences | | |
| GE Area C3 Integrative Studies in the Humanities | | |
| Hours | | 12 |
| Total Hours | | 119 |

2- Year Roadmap (transfer students)

| First Year | | |
|--|-------------------------|--------------|
| Fall | | |
| | | Hours |
| GE Area C3 Integrative Studies in the Humanities | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |

| Spring | | |
|--|---|-----------|
| GE Area B5 Integrative Studies in Natural Sciences | | |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| ENG 350 | Advanced Composition (or other GEAR satisfying course; see counselor) | 3 |
| Hours | | 16 |

| Second Year | | |
|---|--------------------------|--------------|
| Fall | | |
| | | Hours |
| GE Area D3 Integrative Studies in the Social Sciences | | |
| CHE 431 | Adv Integrated Lab I Lec | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 13 |

| Spring | | |
|----------------------------|---------------------|---|
| CHE 440 | Inorganic Chemistry | 4 |
| CHE 460 | Chemical Literature | 2 |
| Elective to meet 120 units | | 3 |

| | | |
|----------------------------|--|-----------|
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Biochemistry Option Roadmaps
4- Year Roadmap

| Course | Title | Hours |
|--------------------------|--------------------------|--------------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | |
| CHE 110 | General Chemistry I | 5 |
| MAT 191 | Calculus I | 5 |
| HIS 101 | History Of United States | 3 |
| Hours | | 16 |

| Spring | | |
|---------------------------|-----------------------|-----------|
| GE Area A2 Composition II | | |
| CHE 112 | General Chemistry II | 5 |
| MAT 193 | Calculus II | 5 |
| POL 101 | American Institutions | 3 |
| Hours | | 16 |

| Second Year | | |
|------------------------------------|-----------------------|--------------|
| Fall | | |
| | | Hours |
| CHE 230 | Quantitative Analysis | 4 |
| GE Area A3 Logic/Critical Thinking | | |
| GE Area C1 or C2 | | |
| GE Area D1 or D2 | | |
| PHY 120 | Elements Of Physics I | 4 |
| or PHY 130 | or General Physics I | |
| Hours | | 17 |

| Spring | | |
|-------------------------------|------------------------|-----------|
| GE Area C1 or C2 | | |
| GE Area D1 or D2 | | |
| GE Area A1 Oral Communication | | |
| GE Area B2 Life Science | | |
| PHY 122 | Elements Of Physics II | 4 |
| or PHY 132 | or General Physics II | |
| Hours | | 16 |

| Third Year | | |
|--|-------------------------|--------------|
| Fall | | |
| | | Hours |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| GE Area F Ethnic Studies | | |
| GE Area E Lifelong Learning and Self-Development | | |
| Hours | | 16 |

| Spring | | |
|--|---|-----------|
| CHE 420 | Advanced Applic for Chemistry | 2 |
| GE Area C3 Integrative Studies in the Humanities | | |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 360 | Writing in Chemical Sciences (Satisfies GEAR Requirement) | 2 |
| Hours | | 12 |

| Fourth Year | | |
|--|----------------|--------------|
| Fall | | |
| | | Hours |
| GE Area B5 Integrative Studies in Natural Sciences | | |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| CHE 450 | Biochemistry I | 4 |

| | | |
|---|---------------------|------------|
| CHE 451 | Biochemistry I Lab | 1 |
| Hours | | 14 |
| Spring | | |
| CHE 452 | Biochemistry II | 4 |
| CHE 453 | Biochemistry II Lab | 2 |
| CHE 460 | Chemical Literature | 2 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 12 |
| Total Hours | | 119 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (or other GEAR satisfying course; see counselor) | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 14 |
| Spring | | |
| CHE 453 | Biochemistry II Lab | 2 |
| CHE 460 | Chemical Literature | 2 |
| CHE 452 | Biochemistry II | 4 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 14 |
| Total Hours | | 60 |

Chemistry, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (79 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree. A grade of "C" or better must be achieved in all courses.

| Code | Title | Hours |
|--|---------------------------------|-----------|
| Lower Division Required Courses | | |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis | 4 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| Upper Division Required Courses | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 320 | Physical Chemistry I | 5 |
| CHE 322 | Physical Chemistry II | 3 |
| CHE 360 | Writing in Chemical Sciences | 2 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 431 | Adv Integrated Lab I Lec | 3 |
| CHE 433 | Adv Integrated Lab II Lec | 3 |
| CHE 440 | Inorganic Chemistry | 4 |
| CHE 450 | Biochemistry I ¹ | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| PHY 333 | Analog Electronics | 3 |
| Total Hours | | 79 |

¹ Major students may substitute this course for General Education Area E. Please contact the CNBS Student Success Center to request the course substitution.

Program Learning Outcomes

- General familiarity with the following areas in chemistry: analytical, biochemistry, inorganic, organic and physical.
- Developed formal (abstract) thinking skills as well as concrete thinking skills.
- Learned how to think critically and analyze chemical problems.
- The ability to work effectively and safely in a laboratory environment.

- The ability to work in teams as well as independently.\n
- The ability to communicate effectively, both orally and in writing.

(B.S.) Chemistry Degree Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|---|---------------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| CHE 110 | General Chemistry I | 5 |
| MAT 191 | Calculus I | 5 |
| HIS 101 | History Of United States | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area C1 Arts Courses | | 3 |
| CHE 112 | General Chemistry II | 5 |
| MAT 193 | Calculus II | 5 |
| POL 101 | American Institutions | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CHE 230 | Quantitative Analysis | 4 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| PHY 130 | General Physics I | 5 |
| MAT 211 | Calculus III | 5 |
| Hours | | 17 |
| Spring | | |
| PHY 132 | General Physics II | 5 |
| GE Area C2 Letters Course | | 3 |
| Addition lower division GE in Area C | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area B2 Life Science | | 3 |
| Hours | | 17 |
| Third Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| GE Area A1 Oral Communication | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 16 |
| Spring | | |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 322 | Physical Chemistry II | 3 |
| GWAR satisfying course | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CHE 431 | Adv Integrated Lab I Lec | 3 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| CHE 460 | Chemical Literature | 2 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 16 |
| Spring | | |
| CHE 440 | Inorganic Chemistry | 4 |

| | | |
|--|---------------------------|------------|
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| CHE 433 | Adv Integrated Lab II Lec | 3 |
| PHY 333 | Analog Electronics | 3 |
| Hours | | 16 |
| Total Hours | | 130 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---------------------------------|-----------|
| First Year | | |
| Fall | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 320 | Physical Chemistry I | 5 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 322 | Physical Chemistry II | 3 |
| GWAR satisfying course | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| CHE 431 | Adv Integrated Lab I Lec | 3 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| CHE 460 | Chemical Literature | 2 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| CHE 440 | Inorganic Chemistry | 4 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CHE 433 | Adv Integrated Lab II Lec | 3 |
| PHY 333 | Analog Electronics | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 64 |

Chemistry, Subject Matter Authorization

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure a Specific Chemistry Subject Matter Authorization that allows the holder to teach the specific subjects in grades preschool, K-12, and classes organized primarily for adults.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the School of Education Student Services Center.

Requirements

Complete each of the following courses or equivalent as approved by the Chemistry Department Advisor.

| Code | Title | Hours |
|-----------------------|---------------------------------|-----------|
| Prerequisites | | |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| Lower Division | | |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis | 4 |
| Upper Division | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 320 | Physical Chemistry I | 5 |
| CHE 420 | Advanced Applic for Chemistry | 2 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| CHE 460 | Chemical Literature | 2 |
| Total Hours | | 48 |

Organic/Biochemistry, Minor Requirements

| Code | Title | Hours |
|--|--|--------------|
| Lower Division Required Courses | | |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis | 4 |
| Upper Division Required Courses | | |
| CHE 310 | Organic Chemistry I | 4 |
| CHE 311 | Organic Chemistry Lab I | 1 |
| CHE 312 | Organic Chemistry II | 3 |
| CHE 313 | Organic Chemistry Laboratory II | 2 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| Select one of the following: | | 3-6 |
| CHE 452 & CHE 453 | Biochemistry II and Biochemistry II Lab | |
| CHE 456 | Clinical Chemistry | |
| Total Hours | | 32-35 |

Note: All Biological Science Majors who have used CHE 450 Biochemistry I and CHE 451 Biochemistry I Lab to fulfill requirements for their major must take either: CHE 452 Biochemistry II and CHE 453 Biochemistry II Lab or CHE 456 Clinical Chemistry.

Chicana/Chicano Studies

College of Arts and Humanities
Department of Chicana and Chicano Studies

Program Description

Undergraduate

The Chicana and Chicano Studies (CHS) major is an interdisciplinary Ethnic Studies major that investigates Chicana/o historical/social, political, and cultural experiences. The BA degree and minor program emphasize a theoretical and empirical foundation preparing students to pursue diverse career tracks, graduate school, and post-baccalaureate studies and training in a variety of related fields. The focus of the program provides students training in pre-colonial history, identity formations, literature, contemporary politics, education, the arts, theory, and more.

Student Organizations, Programs, and Activities

The Chicana and Chicano Studies Department sponsors an extensive activities calendar throughout the academic year. The department faculty collaborate with university areas such as the Affinity and Cultural Centers including the Latinx Cultural Resource Center, the Toro Dreamers Success Center, and the Queer Culture Resource Center to foster community awareness on anti-racism, social justice, and equity. The department also co-sponsors and supports campus-wide programs and events such as the annual *Dia de los Muertos* (Day of the Dead) celebration and the Dolores Huerta graduation celebration. In support of student organizations, department faculty members serve as advisors and work closely with campus Chicana/e/o, Latina/e/o student organizations.

Academic Advisement

All majors and minors in Chicana and Chicano Studies receive academic advisement from a faculty advisor. Students select an advisor, or have one assigned to them. Students will work closely with faculty to prepare them or academic success and potential career choices.

Preparation

Although not required, both high school and community college students wishing to major or minor in Chicana and Chicano Studies are encouraged to take Ethnic Studies courses that relate to Chicana/e/o and Latina/e/o experiences.

Graduation with Honors

An undergraduate student may graduate with Honors in Chicana/o Studies provided that the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Options for Chicana and Chicano Studies

- Arts careers
- Business sector
- College and university teaching, administration, and student affairs
- Community organizing
- Counseling and advising
- Criminal justice and law
- Government affairs

- International abroad professional experiences
- Human Resources
- Journalism and media
- K-12 Teaching and counseling
- Non-profit sector
- Public administration
- Social work and human services

The degree in Chicana and Chicano studies prepares students for graduate studies and provides a foundation for a law degree and Master's or Ph.D. in Anthropology, Art, Chicana/o Studies, Comparative Cultures, Cultural Studies, Education, Ethnic Studies, History, Psychology, Political Science, History, Sociology, Social Work, Spanish, and other fields.

Undergraduate Programs

Bachelor

- Chicana/Chicano Studies, Bachelor of Arts (p. 451)

Minor

- Chicana/Chicano Studies, Minor (p. 453)

Faculty

Corina Benavides López, Department Chair

Marisela R. Chávez, Alfredo González, Alexandro D. Hernández, José R. López Morín, Gretel Vera-Rosas

Department Office: LCH A 338, (310) 243-3326 or (310) 243-3327

Courses

CHS 100. Chicana/o Cultural Roots. (3 Units)

An introduction to Chicana/o cultural traditions influenced by diverse Mexican Indian, African, and European experiences and histories prior to, during and after the conquest of Americas. Special focus is on Mexico and the Southwest of the United States.

Offered Fall, Spring

CHS 125. Chicano/Latino Musical Culture. (3 Units)

The course examines musical expressions of Chicano and Latino peoples in the present geographical boundaries of the United States. The course emphasizes the intercultural dynamics in the formation of Chicano and Latino music which incorporates African, American, Native American, and European roots.

Offered Infrequent

CHS 195. Special Topics in Chicana/o Studies. (3 Units)

A study of an issue, concept or theme in Chicana/Chicano Studies. Three hours of lecture per week. Repeatable for a maximum of twelve units for credit.

Offered Infrequent

CHS 200. Introduction to Chicana/o and Latina/o History. (3 Units)

Explores the history and experiences of Chicanos/as and Latinos/as in the United States in the 19th and 20th Centuries and will explore the following themes: immigration, migration, labor, education, gender roles, and community organizations.

Offered Fall, Spring

CHS 205. Introduction to Chicana/o Literature. (3 Units)

An introduction to selected works of modern Chicano literature including an analysis of influences, themes, and techniques. Special attention given to certain issues of the Chicano/a experiences reflected in the literature. Frequent written assignments.

Offered Fall, Spring

CHS 210. Representation of Indigenous. (3 Units)

An introduction to the different forms on indigenous representation with special emphasis on Mesoamerica. Discussions of how these accounts are expressed, perceived, and constructed at the point of European contact will be examined.

Offered Infrequent

CHS 212. Introduction to Comparative Ethnic Studies. (3 Units)

The course will explore the lived experiences and gendered complexities of Ethnic/Global communities as they relate to historical and contemporary international and global forces. The course will examine the economic and socio-cultural dynamics of the global interdependencies of Indigenous, Latino, Asian-Pacific and Africana communities and women's lived experiences within and across these communities.

Offered Fall, Spring

CHS 216. Mexica Language and Culture. (3 Units)

Supervised work experience in a Chicano/Latino community with emphasis upon social and economic development in a local, national, or international setting. Students will be placed in settings suitable to their academic expertise.

Offered Infrequent

CHS 225. Mexican & Chicano Poetry & Mus. (3 Units)

An introduction to Mexican/Chicano poetry and music from the Spanish Conquest to the present. Students will learn to recognize boleros, sones, huapangos, mariachi, norteno, corridos, Tex-Mex, and oldies. The class is not designed for music majors.

Offered Infrequent

CHS 295. Spc Topics Chicana/o Stud. (3 Units)

A study of an issue, concept, or theme in Chicana/Chicano studies. Repeatable for a maximum of six units for credit.

Offered Infrequent

CHS 300. Critical Issues in Chicana/Chicano Studies. (3 Units)

Prerequisites: ENG 110 or equivalent are required. CHS 100 or CHS 205 and CHS 200 or 212 are recommended. An exploration of the field of Chicana and Chicano Studies. Course will emphasize the changing constructions and interpretations of what comprises Chicana/o identities and cultures through an analysis of cultural, historical, political, psychological, and social issues. Enrollment priority will be given to Chicana/Chicano Studies majors and minors. This course fulfills a requirement in the Chicana/Chicano Studies major and minor, in addition to the GVAR.

Offered Fall, Spring

CHS 315. Changing Dynamics in Raza Comm. (3 Units)

Prerequisite: CHS 200 is recommended. Assesses the challenges confronting the Chicano community resulting from increased and diverse patterns of immigration, restricted occupational opportunities, and socio-political differences. Focus will be on urban issues from communities throughout the United States, including the Mexican/United States Border.

Offered Spring

CHS 323. Latina/o Perspectives on U.S. Immigration and Citizenship. (3 Units)

Seeks to understand some of the issues which concern Mexican/Latino immigrant people, specifically Mexican and Central American groups, in efforts to bring awareness to this human crisis and to explore some of its effects on U.S. Latino community.

Offered Fall, Spring, Summer

CHS 325. Chicana/o Movement. (3 Units)

A historical and comparative examination of the Chicana/o movement by examining the early pattern of Mexican immigration and the formation of mutual aids associations designed to defend their interests. The focus is on the period from 1960-1990.

Offered Spring

CHS 330. Latina/o Identities in U.S.. (3 Units)

Explores the social, cultural, and political experiences of Chincano/a and Latino/a communities in the United States, including Puerto Rican, Caribbean, and Central and South American peoples. The historical experiences of these diverse communities will be examined.

Offered Fall, Spring, Summer

CHS 335. Urban Youth Gangs in Los Angeles. (3 Units)

Provides an interdisciplinary perspective to the origins and evolution of youth groups (African Americans, Anglos, Asians, Chicana/os, and Pacific Islanders) in California. Class topics include definition of gangs; history of gangs; membership practices; and law enforcement responses.

Offered Infrequent

CHS 340. Native American and Chicana Women's Narrative. (3 Units)

Course explores contemporary cultural and historical narratives by and about Native American Chicana women in the U.S. Through poetry, short stories, and narratives the class will analyze the histories of colonial exploitation, historical memories, gender oppression, and marginalization.

Offered Fall, Spring

CHS 344. Chicana/o History I. (3 Units)

Mexican American life to 1900, stressing the evolution of economic and political thought, social institutions, and cultural experiences.

Offered Fall

CHS 345. Latina/o Identities in the Americas. (3 Units)

Explores the concept of Latina/o identity in the Americas from a literary perspective in different time periods and particular cultural societies. The study of certain intellectuals and their literary contributions will assist with comprehension of identity and socio-political reality.

Offered Fall, Spring, Summer

CHS 346. Chicana/o History II. (3 Units)

The Mexican American's contributions to the building of the Southwest; the clash between Mexicans and North Americans; the emergence of the urban Mexican American.

Offered Spring

CHS 372. Chicana/o Spiritualities and Healing Practices. (3 Units)

Examination of the diverse spiritual practices and decolonial methods of healing found in Mexican and Chicana/o/x traditions.

Offered All terms

CHS 375. Chicana/o Latina/o Body Politics. (3 Units)

Recommended Prerequisites: CHS 100, CHS 200, CHS 205, and CHS 212. An exploration of the interconnections between the physical body and politics, both current and historical, for Chicana/os and Latina/os.

Students will examine issues such as public health, reproductive justice, ability, gender, and sexuality in Chicana/o Latina/o communities.

Offered All terms

CHS 395. Special Topics in Chicana/o Studies. (1-3 Units)

Prerequisite: Consent of instructor. Study of special topic of interest for students in the selected area of study. Topic and content will vary as announced.

Offered As needed

CHS 396. Practicum in Chicana/o Studies. (3 Units)

Prerequisite: Consent of Department Chair. This course is an introduction to theorists and methods under girding Chicana and Chicano Studies as these have been deployed in the writings by Chicana and Chicano authors during the past thirty years. The class will present theories and methods that inform intellectual issues in Chicana/o studies.

Offered As needed

CHS 400. Chicana/o Issues in Education. (3 Units)

An overview of the educational system in society - how it functions, whom it serves, and the cultural and theoretical explanations for the success and failure of Chicana/o students. Discussions include family values, teen pregnancy, language, gangs, etc.

Offered Fall

CHS 401. Theories and Methods in Chicana/o Studies. (3 Units)

Prerequisites: ENG 110 or equivalent; CHS 100 or CHS 205 and CHS 200 or CHS 212 or equivalent are required. Must be a Senior. Focuses on examining the various theories and methods utilized by Chicana/o scholars during the evolution of the discipline of Chicana/o Studies, exploring how these theories and methods have informed and continue to inform writing and research in Chicana/o Studies.

Offered Fall

CHS 410. Chicana/o Popular Culture. (3 Units)

An overview of the central areas of Chicana/o popular culture, focusing on film, mass media, art, theatre, and music. The course examines how concepts of culture, identity, and ethnicity are popularly expressed in a constant state of flux.

Offered Fall

CHS 436. Chicana/o Latina/o Politics. (3 Units)

Recommended Prerequisites: CHS 200 and CHS 323 Course examines the role of Chicana/o and Latina/o communities in shaping state and national politics in the United States, including contemporary modes of political organizations, political history, organizational strategies, electoral impact, public policy issues surrounding citizenship, and empowerment strategies.

Offered All terms

CHS 450. Precolumbian Lit of Mexico. (3 Units)

Prerequisite: CHS 300 recommended. The study of the literature of ancient Mexico, specifically the PopolVuh of the Maya and Aztec poetry, in order to obtain an insight into the Precolombian world view. Periodic essay exams.

Offered Infrequent

CHS 460. Las Chicanas. (3 Units)

Prerequisite: ENG 110 or equivalent is required. The study of the issues that Chicanas encounter in contemporary U.S. society. Includes a survey of remote and recent cultural, social, and political issues that have influenced the values, expectations, and roles of Chicanas.

Offered Fall, Spring

CHS 471. Mexican Thought, Social Activism and Political Ideology. (3 Units)

Prerequisite: CHS 100 is recommended. Examines the evolution of Mexico's modernistic state via its reformation and dictatorship of President Porfirio Diaz. It will investigate how revolutionary leaders banded together to dismantle the Porfirio regime, and how later Mexico's Government attempted to institutionalize the ideals of justice, freedom, and democracy.

Offered Fall

CHS 480. Chicana/o Folklore. (3 Units)

Prerequisite: CHS 300 recommended. An introduction to some of the basic theories and techniques in folklore studies, especially Mexican American. Folk art, music, oral literature, customs, philosophy, and belief systems will be examined for understanding groups of people.

Offered Fall, Spring

CHS 486. Chicana/o Family and Gender Issues. (3 Units)

Prerequisite: ENG 110 or equivalent is required. CHS lower division requirements or courses on previous women and gender are recommended. The course examines family and gender issues as they relate to the Chicana/o community in the United States. Topics will include Chicana/o family roles and structure, cultural values, experiences that influence and challenge families, gender roles and expectations.

Offered Fall

CHS 490. Senior Seminar in Chicana/o Studies. (3 Units)

Prerequisites: ENG 110 and CHS 401 are required. CHS 100 or CHS 205; CHS 200 or CHS 212; and CHS 300 are recommended. Seminar where students examine a particular topic or theme in the field of Chicana/o Studies. As the capstone course for the major, students undertake a major research paper.

Offered Fall, Spring

CHS 494. Independent Study. (1-3 Units)

Prerequisite: Consent of Program Director. Independent study of a particular topic in Chicana/Chicano Studies relating two or more disciplines, such as anthropology, art, education, history, language, music, politics, psychology, or sociology under the direction of an instructor in Chicana/Chicano Studies. Repeatable course.

Offered Fall, Spring

CHS 495. Spec Topic Chicano/Chicana St. (1-3 Units)

Prerequisite: Consent of Program Director. An intensive study of an issue, concept or theme in Chicana/Chicano Studies. Three hours of lecture per week. Repeatable for a maximum of six units for credit.

Offered Fall, Spring

CHS 496. Internship Chicana/o Studies. (3 Units)

Under direction of the internship faculty, students will work in a Chicano/Latino community, applying skills and knowledge learned in the classroom as well as the workplace. Repeatable course.

Offered As needed

CHS 497. Directed Reading. (1-3 Units)

Prerequisite: CHS 100 is recommended. Extensive reading in selected areas under the guidance of a faculty member.

Offered Fall, Spring

CHS 498. Directed Research in CHS. (1-3 Units)

The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered As needed

CHS 590. Grad Sem Theory & Methods. (3 Units)

Instruction in the basic principles of still photography. Two hours of lecture and three hours of laboratory per week.

Offered As needed

CHS 594. Independent Study. (1-4 Units)

Prerequisites: Consent of Department Chair. Independent investigation of a research problem or directed readings in a selected area of Chicano Studies.

Offered As needed

CHS 595. Special Topics. (3 Units)

An intensive study of a concept, movement, school of thought, or individual within the discipline of Chicano Studies. Intended for students with senior or graduate standing. Specific topic listed in Class Schedule. Repeatable course. Three hours of seminar per week.

Offered As needed

CHS 596. Pract. in Teach Chicana/o Stud. (1-4 Units)

Supervised experience in teaching Chicana/o Studies. Techniques and skills appropriate to instruction at the college level. Instructional and evaluative experiences under supervision of Chicana/o Studies faculty.

Offered As needed

CHS 597. Directed Reading. (1-4 Units)

Extensive reading in selected areas under the guidance of a faculty mentor.

Offered As needed

CHS 598. Graduate Directed Research. (1-3 Units)

Independent research under direction of supervising faculty member in Chicana/o Studies.

Offered As needed

CHS 599. Final Project. (3 Units)

In consultation with a faculty member, writing of a master's thesis or completion of project. Choice of area requires prior consent of advisor.

Offered As needed

Chicana/Chicano Studies, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required.

Major Requirements (39 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Core Requirements (21 units)

| Code | Title | Hours |
|--|--|-----------|
| Lower Division Required Courses | | |
| Select one of the following: 3 | | |
| CHS 100 | Chicana/o Cultural Roots | |
| CHS 205 | Introduction to Chicana/o Literature | |
| Select one of the following: 3 | | |
| CHS 200 | Introduction to Chicana/o and Latina/o History | |
| CHS 212 | Introduction to Comparative Ethnic Studies | |
| Upper Division Required Courses | | |
| CHS 300 | Critical Issues in Chicana/Chicano Studies | 3 |
| CHS 401 | Theories and Methods in Chicana/o Studies | 3 |
| Select one of the following: 3 | | |
| CHS 460 | Las Chicanas | |
| CHS 486 | Chicana/o Family and Gender Issues | |
| Select one of the following: 3 | | |
| CHS 344 | Chicana/o History I | |
| CHS 346 | Chicana/o History II | |
| CHS 480 | Chicana/o Folklore | |
| Capstone | | |
| CHS 490 | Senior Seminar in Chicana/o Studies | 3 |
| Total Hours | | 21 |

Electives (18 units)

| Code | Title | Hours |
|---|---|-------|
| Cultural and Historical Inquiry Area | | |
| Select three courses from the following: 9 | | |
| CHS 325 | Chicana/o Movement | |
| CHS 340 | Native American and Chicana Women's Narrative | |
| CHS 344 | Chicana/o History I | |
| CHS 345 | Latina/o Identities in the Americas | |
| CHS 346 | Chicana/o History II | |
| CHS 372 | Chicana/o Spiritualities ad Healing Practices | |
| CHS 410 | Chicana/o Popular Culture | |
| CHS 450 | Precolonial Lit of Mexico | |
| CHS 480 | Chicana/o Folklore | |
| CHS 486 | Chicana/o Family and Gender Issues | |
| CHS 494 | Independent Study | |
| CHS 495 | Spec Topic Chicano/Chicana St | |
| CHS 496 | Internship Chicana/o Studies | |
| CHS 497 | Directed Reading | |
| CHS 498 | Directed Research in CHS | |
| ANT 333 | Ancient Peoples Of Mexico | |
| ARH 363 | Art of Latin America | |
| HIS 366 | Colonial Latin America | |
| HIS 367 | Modern Latin America | |
| HIS 368 | Mexico: Colonial | |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | |

| | | |
|--|---|-----------|
| SPA 456 | Literature of Spanish America | |
| SPA 461 | Lecturas Mexicanas y Chicanas | |
| Social, Political, and Educational Inquiry Area | | |
| Select three courses from the following: | | 9 |
| CHS 315 | Changing Dynamics in Raza Comm | |
| CHS 323 | Latina/o Perspectives on U.S. Immigration and Citizenship | |
| CHS 330 | Latina/o Identities in U.S. | |
| CHS 335 | Urban Youth Gangs in Los Angeles | |
| CHS 375 | Chicana/o Latina/o Body Politics | |
| CHS 396 | Practicum in Chicana/o Studies | |
| CHS 400 | Chicana/o Issues in Education | |
| CHS 436 | Chicana/o Latina/o Politics | |
| CHS 460 | Las Chicanas | |
| CHS 471 | Mexican Thought, Social Activism and Political Ideology | |
| CHS 494 | Independent Study | |
| CHS 495 | Spec Topic Chicano/Chicana St | |
| CHS 496 | Internship Chicana/o Studies | |
| CHS 497 | Directed Reading | |
| CHS 498 | Directed Research in CHS | |
| PSY 380 | Psychology of the Mexican American I | |
| POL 343 | Political Behavior in Latin America | |
| POL 344 | Latin America: The Revolutionary Tradition | |
| SPA 435 | A Sociolinguistic Approach to Chicano/Latino Dialect | |
| Total Hours | | 18 |

- Students will learn about race, ethnicity, gender, class, sexuality, intersectional feminisms, and identity in order to examine how they inform both Chicana/e/o individual and community social, economic, political, and historical outcomes.
- Students will critically assess historical and contemporary paradigms to explain how power is created, how Chicana/e/o communities maintain power against oppressive structures, and how Chicana/e/o communities operationalize power to employ anti-colonial and social justice norms and values.
- Students will evaluate and produce research and scholarship to distinguish, differentiate, and analyze theories and practices of space, place, and belonging in an effort to identify diversity in Chicana/e/o communities.
- Students will express how relationships among Chicana/e/o cultural practices, expressions, and epistemologies create new forms of knowledge.
- Students will engage in and gain practical leadership experience in the Chicana/e/o community by participating in civic engagement, activism opportunities, internships, and community-based events on campus and in the community.

Chicana/Chicano Studies

4-Year Roadmap

| Course | Title | Hours |
|-----------------------|---|-------|
| First Year | | |
| Fall | | |
| GE Area A2 | | 3 |
| CHS 100 or CHS 205 | Chicana/o Cultural Roots or Introduction to Chicana/o Literature | 3 |

| | | |
|--------------------------------|--|------------|
| HIS 101 | History Of United States | 3 |
| GE Area B4 | | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A1 | | 3 |
| GE Area A3 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area F | | 3 |
| GE Area B1 or B2 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| or CHS 212 | or Introduction to Comparative Ethnic Studies | |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 3 |
| GE Area C1 | | 3 |
| GE Area C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area C1 or C2 | | 3 |
| GE Area D1 | | 3 |
| GE Area D2 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| CHS 300 | Critical Issues in Chicana/Chicano Studies | 3 |
| CHS 344 | Chicana/o History I | 3 |
| or CHS 480 | or Chicana/o Folklore | |
| Select one CHS elective course | | 3 |
| GE Area C3 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| CHS 460 | Las Chicanas | 3 |
| or CHS 486 | or Chicana/o Family and Gender Issues | |
| CHS 346 | Chicana/o History II (OR elective course) | 3 |
| CHS Elective Course | | 3 |
| CHS Elective Course | | 3 |
| GE Area B5 | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CHS 401 | Theories and Methods in Chicana/o Studies | 3 |
| CHS Elective Course | | 3 |
| CSH Elective Course | | 3 |
| GE Area D3 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| CHS 490 | Senior Seminar in Chicana/o Studies | 3 |
| CHS Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap

First Year

| | | Hours |
|---------------------|---|-----------|
| Fall | | |
| GE Area C3 | | 3 |
| CHS 300 | Critical Issues in Chicana/Chicano Studies (GWAR satisfying course) | 3 |
| CHS 344 | Chicana/o History I | 3 |
| or CHS 480 | or Chicana/o Folklore | |
| CHS Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

Spring

| | | |
|---------------------|---|-----------|
| CHS 460 | Las Chicanas | 3 |
| or CHS 486 | or Chicana/o Family and Gender Issues | |
| CHS 346 | Chicana/o History II (or Elective Course) | 3 |
| CHS Elective Course | | 3 |
| CHS Elective Course | | 3 |
| GE Area B5 | | 3 |
| Hours | | 15 |

Second Year

Fall

| | | |
|---------------------|---|-----------|
| CHS 401 | Theories and Methods in Chicana/o Studies | 3 |
| CHS Elective Course | | 3 |
| CHS Elective Course | | 3 |
| GE Area D3 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |

Spring

| | | |
|---------------------|-------------------------------------|-----------|
| CHS 490 | Senior Seminar in Chicana/o Studies | 3 |
| CHS Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Chicana/Chicano Studies, Minor Requirements

| Code | Title | Hours |
|--|--|-----------|
| Lower Division Required Courses | | |
| CHS 100 | Chicana/o Cultural Roots | 3 |
| or CHS 205 | Introduction to Chicana/o Literature | |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| or CHS 212 | Introduction to Comparative Ethnic Studies | |
| Upper Division Required Courses | | |
| CHS 300 | Critical Issues in Chicana/Chicano Studies | 3 |
| or CHS 401 | Theories and Methods in Chicana/o Studies | |
| Electives | | |
| Select three courses with CHS prefixes from the list of electives, in consultation with an advisor | | 9 |
| Total Hours | | 18 |

Child Development

College of Health, Human Services, and Nursing
Department of Child Development

Program Description

The field of Child Development is dedicated to understanding how individuals change over time from conception through adolescence. Knowledge of developmental processes and the factors that influence development is essential for effectively working with children and for making sound decisions regarding their welfare and promoting individual success. The program in Child Development includes in-class and field experiences to prepare students to become knowledgeable and effective child and family professionals. Foundational coursework prepares students to master the basics of development across different developmental periods. As students advance through the program, they take specialized courses to develop a deeper understanding of the factors related to development, its study, and its application.

Features

The Child Development major is a single-field major. A minor is not required. The program offers students the opportunity to work in the field as well as receive rigorous scientific training. The curriculum spans the period of infancy through adolescence, thus preparing students for working with any age group. Specialized courses such as one on immigrant children or child and family policy provide concrete linkages to the challenges of growing up in diverse settings and of the powerful social and political contexts that shape children's development.

Academic Advisement

New students are required to see an academic advisor before enrolling in the classes. Students may call the Student Services Center at (310) 243-2120, WH 220. **Students are encouraged to use the Smart Planner to plan and enroll in their courses and need to bring their completed Smart Planner report to any advising appointment.** Please use this link for information and tutorials: <https://www.csudh.edu/registrar/registration/>.

Preparation

High school students are encouraged to develop strong competencies in English, mathematics, and the social, behavioral, and life sciences. Both lower and upper-division courses in the major require substantive writing, analytical and critical thinking skills, and a comprehensive understanding of research methods. Thus, adequate academic preparation is strongly advised.

Transfer students should take equivalents of CDV 150 Intro Child Development and MAT 131 Elementary Statistics & Probability, MAT 132 Elementary Statistics & Probability with Algebra Review, or PSY 230 Elementary Statistical Analysis in Psychology.

Graduation With Honors

An undergraduate student may graduate with Honors in Child Development provided that the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements in Child Development.

Career Possibilities

The Bachelor of Science degree in Child Development provides a basis for diverse professional careers including – but not limited to – early childhood and K-12 education, parent education, youth counseling, program development and administration for at-risk or special needs youth, case management in governmental agencies, occupational/

behavioral/speech therapy, social work, or child advocacy. Child development majors work in settings such as schools, family courts, hospitals, governmental agencies, and non-profit agencies that deliver services to children and families, recreation programs, and for companies that manufacture products for children such as toys, books, and software, as well as in research settings. The degree also prepares students for credentialing programs and graduate studies.

Undergraduate Programs

Bachelor

- Child Development, Bachelor of Science (p. 456)

Faculty

Megumi Kuwabara, Department Chair

Kaitlyn Breiner, Cornelia Brentano, Anupama Joshi, Kara Kogachi, Megumi Kuwabara, Angelica Lopez Fraire, Kimberley Radmacher, Christina Toolan

Program Office: WH A320, (310) 243-2029

Courses

CDV 150. Intro Child Development. (3 Units)

Overview of physical, cognitive, social and emotional development from conception through the end of adolescence; theoretical advances in child development; individual and contextual contribution to developmental processes.

Offered Fall, Spring

CDV 180. Introduction to Observation and Assessment. (4 Units)

Prerequisites: CDV 150 required. Overview of and introduction to methods of studying children; the basic research paradigm; observational methods; ethical issues in the study of children; generation and interpretation of data. 1 unit of observations of children in different settings. Department consent required.

Offered Fall

CDV 225. Infant Development - FROZEN. (4 Units)

Prerequisites: Live Scan and current negative TB documentation. CDV 180. Development from conception through 2 years; changes through prenatal period; birth; development of attachment; infant care issues. 3 hours of lecture, 1 unit of observation in infant-care settings.

Offered Infrequent

CDV 240. Early Childhood Development and Curriculum. (4 Units)

Prerequisites: CDV 150. Examines developmentally appropriate curriculum and teaching strategies from 2 to 6 years of age. Connections between curriculum and children's physical, cognitive, social and emotional development are examined. Includes 1 unit of curriculum development activities.

Offered Spring

CDV 295. Special Topics in Child Development. (1-5 Units)

Prerequisite: CDV 150 is required. Contemporary topics of interest in Child Development.

Offered Fall, Spring

CDV 320. Mthd & Analysis in Child Study. (4 Units)

Prerequisites: CDV 150 and MAT 131 or MAT 132 or PSY 230 are required. Junior Standing is recommended. Various methods used to study children; quantitative and qualitative data; measurement issues; basic data analytic techniques. 3 hours lecture, 1 hour lab. A grade of C or better in this course fulfills the GVAR requirement for Child Development majors.

Offered Fall, Spring

CDV 325. Infancy and Early Childhood. (3 Units)

Prerequisite: CDV 150 is required. Provides an overview of physical, cognitive, social and emotional development from conception through 6 years.

Offered Fall, Spring

CDV 330. Schoolage Years. (3 Units)

Prerequisite: CDV 150 is required. Physical, cognitive, social and emotional development from 6 to 12 years. Emphasis on home, school, and community contexts and their interconnections; developmental analysis related to contemporary issues in areas of health and education.

Offered Fall, Spring

CDV 342. Advanced Observation and Assessment in Early Childhood. (3 Units)

Prerequisite: CDV 180 and CDV 240 are required. Observation and assessment methods in early childhood and their significance in guiding development and designing programs for children birth through 8 years.

Offered Spring

CDV 344. Supervision in Early Childhood Settings. (3 Units)

Prerequisites: CDV 180, CDV 240 and CDV 325 are required. Provides students with the methods and principles of supervising teachers, volunteers, student teachers, staff and other adults in early childhood education settings. An emphasis is placed on the development and role of early childhood professionals as mentors and leaders.

Offered Fall

CDV 360. Adolescence. (3 Units)

Prerequisite: CDV 150 is required. Physical, cognitive, social and emotional development from 12 to 20 years, focusing on developmentally unique changes at individual, interpersonal and social levels.

Offered Fall, Spring

CDV 363. Development in Diverse Contexts. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330 and CDV 360. The development of the individual identity along multiple dimensions of age, gender and abilities in the contexts of class, culture, and ethnicity. Issues of hierarchies, the development of prejudice and discrimination at individual and institutional levels.

Offered Fall, Spring

CDV 366. Parenting. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330, and CDV 360 are required. The development of the parent-child relationship from birth through young adulthood. Changes in attachment, intimacy and distance; changing demands of parenting with developmental changes in children, parents and the family.

Offered Fall, Spring

CDV 370. Enhancing Early Language and Literacy I. (3 Units)

Prerequisite: Jumpstart Corp member and department consent. Examines early language, literacy, and multi-lingual development with an emphasis on environmental factors. Provides techniques for engaging children in language and literacy activities and opportunities for students to evaluate and reflect on their civic engagement. Course open to Jumpstart Corps members only. Department consent required.

Offered Spring

CDV 372. Scl Devpt Intrpsnl Reltns. (3 Units)

Prerequisites: CDV 225, CDV 240, CDV 330 and CDV 360. Study of social and emotional development from birth through adolescence; development of the self; temperament and emotion; attachment, peer, parent-child, and early romantic relationships; interpersonal skills and moral development.

Offered Infrequent

CDV 380. Stress, Risk, & Resilience. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330 and CDV 360 are required. Childhood stress is examined within a risk and resilience framework. Concepts and theories explaining developmental risk and the protective factors and intervention strategies that promote adaptive coping and adjustment in various contexts will be discussed.

Offered Fall, Spring

CDV 423. Chld Devpt Scl Policy. (3 Units)

Prerequisite: CDV 320, CDV 325, CDV 330, CDV 360, CDV 380 are required. Enduring issues related to children's development that have led to policy decisions; process of policy making; current issues that require policy decisions; evaluating the impact of policy on children and families.

Offered Fall, Spring

CDV 440. Immigrant Children and Families. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330 and CDV 360 are required. The process of immigration as an influential factor in development; changing ecologies and adaptation demands on individuals and families; informal and formal support structures.

Offered Fall, Spring

CDV 442. Marriage, Family, and Community. (3 Units)

Prerequisite: CDV 320, CDV 325 and CDV 330 and CDV 360 are required. Examines family structure, love, mate selection, marital communication, divorce, remarriage, gender roles, and domestic violence across diverse contexts with a special focus on the factors that enhance healthy family relationships and children's development.

Offered Fall, Spring

CDV 444. Language, Cognition, and Schooling. (3 Units)

Prerequisite: CDV 320, CDV 325, CDV 330, and CDV 360 Theoretical and empirical overview of cognitive and language development from birth through the end of adolescence; second language acquisition; interconnections between cognitive development, language development and schooling.

Offered Fall, Spring

CDV 450. Devpt in Poverty. (3 Units)

Prerequisites: CDV 320, CDV 325, CDV 330, and CDV 360 Poverty as a unique context of development; developmental processes and child outcomes in poverty; family interactions and generation of coping mechanisms in the context of poverty; special needs of poor children

Offered Fall, Spring

CDV 490. Senior Seminar. (3 Units)

Prerequisites: 2.75 GPA, senior level standing, and department consent. Integration of knowledge about theories, empirical findings and practice in Child Development; emphasis on writing and presentation skills. Offered Fall, Spring

CDV 492. Seminar in Child Development Research. (4 Units)

Prerequisite: Grade of B or better in CDV 320; 2.75 GPA and department consent are required. Provides students an opportunity to integrate knowledge about theories, empirical findings and research practices in child development. Students learn and apply research methods. An emphasis is placed on writing and presenting research reports for academic or non-academic audiences. Offered Fall, Spring

CDV 494. Independent Study. (1-6 Units)

Prerequisites: Consent of instructor. Investigation of a single topic, chosen in consultation with a faculty member, culminating in a paper, presentation, or project. Repeatable course. Offered Fall, Spring

CDV 495. Special Topics. (1-5 Units)

Prerequisites: Upper division standing. Contemporary topics of interest in Child Development. Repeatable course. Offered As needed

CDV 496. Directed Field Experience. (4 Units)

Pre-requisite: Upper Division Standing, Department approval required. Must take Seminar and Supervision. Faculty supervised experience in any approved Child Development setting. Weekly seminar designed to facilitate the integration of Child Development knowledge and theory with students' fieldwork experience. Students will examine and integrate personal and professional goals and values to gain an understanding of the self in a professional role. Each seminar provides an opportunity to share field experiences and problem solve. Offered Fall, Spring

CDV 498. Directed Research. (1-6 Units)

Prerequisites: CDV 320 and consent of instructor are required. Project selected in consultation with a faculty supervisor and a plan made to implement the project; meetings held regularly. May be repeated to a maximum of 6 units. Offered Fall, Spring

Child Development, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required

Major Requirements (53-55 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

The Child Development Department does not accept courses in the Early Development and Learning concentration that have been completed more than 10 years ago.

All Child Development courses applied to the B.S. in Child Development must be passed with a grade of "C" or better.

| Code | Title | Hours |
|--|---|-------|
| Lower Division Required Courses | | |
| CDV 150 | Intro Child Development | 3 |
| Select one of the following Statistics courses: ¹ | | 3-4 |
| MAT 131 | Elementary Statistics and Probability | |
| MAT 132 | Statistics and Probability with Support | |
| PSY 230 | Elementary Statistical Analysis in Psychology | |
| Foundational Courses | | |
| CDV 320 | Mthd & Analysis in Child Study | 4 |
| CDV 325 | Infancy and Early Childhood | 3 |
| CDV 330 | Schoolage Years | 3 |
| CDV 360 | Adolescence | 3 |
| Specialized Courses | | |
| Specialized Core: | | |
| CDV 366 | Parenting and Child Guidance | 3 |
| CDV 380 | Stress, Risk, & Resilience | 3 |
| Diversity Core: | | |
| Select one of the following: | | 3 |
| CDV 363 | Development in Diverse Contexts | |
| CDV 440 | Immigrant Children and Families | |
| CDV 450 | Devpt in Poverty | |
| Specialized Electives: | | |
| Select three of the following courses: | | 9 |
| CDV 370 | Enhancing Early Language and Literacy I | |
| CDV 423 | Chld Devpt Scl Policy | |
| CDV 442 | Marriage, Family, and Community | |
| CDV 444 | Language, Cognition, and Schooling | |
| Students may select one additional diversity elective as a specialized 0-3 elective: | | |
| CDV 363 | Development in Diverse Contexts | |
| CDV 440 | Immigrant Children and Families | |
| CDV 450 | Devpt in Poverty | |
| Capstone | | |
| Select one of the following: | | 3-4 |
| CDV 490 | Senior Seminar | |
| CDV 492 | Seminar in Child Development Research | |
| CDV 496 | Directed Field Experience | |
| CDV 498 | Directed Research | |

Interdisciplinary Concentration

| | |
|---|-------|
| Select one of the concentrations listed below | 12-14 |
|---|-------|

| | |
|--------------------|--------------|
| Total Hours | 52-59 |
|--------------------|--------------|

¹ **Note:** MAT 131 Elementary Statistics and Probability and MAT 132 Statistics and Probability with Support may be used to meet the GE Area B4 Quantitative Reasoning requirement. PSY 230 Elementary Statistical Analysis in Psychology does not count towards GE Area B4.

Interdisciplinary Concentration (12-14 units)

Concentration coursework is offered in the curriculum to give students the flexibility to tailor their coursework to their professional goals. For maximum flexibility, students may choose the General Elective option.

General Elective Option (12 units)

Electives must be selected in consultation with an advisor.

Early Development and Learning Concentration (12-14 units)

The Child Development Department does not accept courses in the Early Development and Learning concentration that have been completed more than 10 years ago.

| Code | Title | Hours |
|---|--|--------------|
| Select four courses from the following: | | 12-14 |
| CDV 180 | Introduction to Observation and Assessment | |
| CDV 240 | Early Childhood Development and Curriculum | |
| CDV 342 | Advanced Observation and Assessment in Early Childhood | |
| CDV 344 | Supervision in Early Childhood Settings | |
| LBS 310 | Early Language and Literacy | |
| LBS 330 | Bridging Cultures Through Literacy and Learning | |
| LBS 340 | Early Mathematical Concepts | |
| Total Hours | | 12-14 |

Counseling and Family Services Concentration (12 units)

| Code | Title | Hours |
|---|---|-----------|
| Select four courses from the following: | | 12 |
| SOC 320 | The Family | |
| SOC 363 | Sociology of Alcohol and Other Drug Use | |
| SOC 386 | Sociology of the Helping Professions | |
| PSY 314 | Behavior Modification | |
| PSY 353 | The Experience of Death and Dying: Psychological Perspectives | |
| PSY 360 | Theories Of Personality | |
| PSY 363 | Abnormal Psychology | |
| PSY 464 | Introduction to Clinical Psychology | |
| PSY 367 | Effective Communication Skills | |
| or SOC 341 | Seminar In Small Groups | |
| Total Hours | | 12 |

Juvenile Delinquency Concentration (12 units)

| Code | Title | Hours |
|--|--------------------------|-------|
| Required Courses | | |
| CJA 444 | Juvenile Justice Process | 3 |
| SOC 369 | Juvenile Delinquency | 3 |
| Electives | | |
| Select two courses from the following: | | 6 |

| | | |
|--------------------|---|-----------|
| CJA 340 | Crim Justice & Community | |
| CJA 443 | Criminal Law & Justice Admin | |
| SOC 306 | Program Evaluation | |
| SOC 362 | Gangs and Adolescent Subcultures | |
| SOC 363 | Sociology of Alcohol and Other Drug Use | |
| SOC 365 | Deviant Behavior | |
| SOC 367 | Sociology Of Law | |
| or SOC 341 | Seminar In Small Groups | |
| Total Hours | | 12 |

Management and Administration Concentration (12 units)

| Code | Title | Hours |
|-------------------------|--|-------|
| Required Courses | | |
| MGT 310 | Management Theory | 3 |
| or PUB 300 | Foundations of Public Administration | |
| MGT 312 | Organizational Behavior | 3 |
| or PUB 301 | Administrative Leadership and Behavior | |

| Electives | | |
|--------------------------------------|---|-----------|
| Select two of the following courses: | | 6 |
| FIN 360 | Business Finance | |
| HRM 313 | Human Resources Management | |
| MGT 416 | Leadership | |
| MKT 350 | Principles Of Marketing | |
| PUB 426 | Intergovernmental Relations and Grant-Writing | |
| PUB 450 | Nonprofit & Voluntary Sector | |
| PUB 451 | Managing the Nonprofit Organization | |
| SOC 306 | Program Evaluation | |
| One of the following: ¹ | | |
| PSY 367 | Effective Communication Skills | |
| BUS 301 | Employment Communications | |
| & BUS 302 | and Written Communications | |
| & BUS 303 | and Oral Communication | |
| Total Hours | | 12 |

¹ **Note:** Students may take (BUS 301 Employment Communications, BUS 302 Written Communications and BUS 303 Oral Communication) or PSY 367 Effective Communication Skills.

Program Learning Outcomes**General Elective Option****4- Year Roadmap**

| Course | Title | Hours |
|-------------------|--|--------------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| Lower Division | GE Area C or D | 3 |
| Lower Division | GE Area C or D | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| | | Hours |
| | | 15 |
| Spring | | |
| POL 101 | American Institutions | 3 |

| | | |
|---|--|------------|
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 | |
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 3 | |
| MAT 131 or MAT 132 or PSY 230 | Elementary Statistics and Probability (satisfies GE Area B4) or Statistics and Probability with Support or Elementary Statistical Analysis in Psychology | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| CDV 150 | Intro Child Development | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| CDV Foundation | | 3 |
| CDV Foundation | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| CDV Foundation | | 3 |
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Concentration | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 or CDV 440 or CDV 450 | Development in Diverse Contexts ((Diversity Core) or Immigrant Children and Families or Devpt in Poverty | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| Hours | | 15 |
| Spring | | |
| CDV 490 or CDV 492 or CDV 496 or CDV 498 | Senior Seminar or Seminar in Child Development Research or Directed Field Experience or Directed Research | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| MAT 131 or MAT 132 or PSY 230 | Elementary Statistics and Probability or Statistics and Probability with Support or Elementary Statistical Analysis in Psychology | 3 |
| CDV 150 | Intro Child Development | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one course from each area required) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one course from each area required) | | 3 |
| Hours | | 15 |
| Spring | | |
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core Course (see list on Dept. website) | | 3 |
| CDV Foundational Core Course (see list on Dept. website) | | 3 |
| CDV Foundational Core Course (see list on Dept. website) | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CDV Concentration (select from list on Dept. website) | | 3 |
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 or CDV 440 or CDV 450 | Development in Diverse Contexts (Diversity Core) or Immigrant Children and Families or Devpt in Poverty | 3 |
| CDV Specialized Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| CDV 490 or CDV 492 or CDV 496 or CDV 498 | Senior Seminar or Seminar in Child Development Research or Directed Field Experience or Directed Research | 3 |
| Hours | | 15 |
| Total Hours | | 61 |

Management and Administration Concentration

4- Year Roadmap

| Course | Title | Hours |
|--|--------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |

| | | |
|-------------------------------------|--|---|
| MAT 131 or MAT 132 or PSY 230 | Elementary Statistics and Probability (satisfies GE Area B4) or Statistics and Probability with Support or Elementary Statistical Analysis in Psychology | 3 |
|-------------------------------------|--|---|

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Second Year

| | | |
|--------------------------------|-------------------------|---|
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| CDV 150 | Intro Child Development | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| Additional GE in Area C1 or C2 | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|--|--|---|
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Third Year

| | | |
|--|--|---|
| Fall | | |
| CDV Foundational Core Course | | 3 |
| CDV Foundational Core Course | | 3 |
| MGT 310 or PUB 300 | Management Theory (CDV Concentration) or Foundations of Public Administration | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|--|--|---|
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core Course | | 3 |
| MGT 312 or PUB 301 | Organizational Behavior (CDV Concentration) or Administrative Leadership and Behavior | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 2 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Fourth Year

| | | |
|---|--|---|
| Fall | | |
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 or CDV 440 or CDV 450 | Development in Diverse Contexts ((Diversity Core) or Immigrant Children and Families or Devpt in Poverty | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on dept. website) | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|---|---|---|
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on dept. website) | | 3 |
| CDV 490 or CDV 492 or CDV 496 or CDV 498 | Senior Seminar (Capstone) or Seminar in Child Development Research or Directed Field Experience or Directed Research | 3 |

| | | |
|---|--|---|
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
|---|--|---|

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

| | |
|--------------------|------------|
| Total Hours | 120 |
|--------------------|------------|

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-------|
| First Year | | |
| Fall | | |
| CDV 150 | Intro Child Development | 3 |
| MAT 131 or MAT 132 or PSY 230 | Elementary Statistics and Probability or Statistics and Probability with Support or Elementary Statistical Analysis in Psychology | 3 |
| MGT 310 or PUB 300 | Management Theory or Foundations of Public Administration | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|--|--|---|
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |

| | |
|--------------|-----------|
| Hours | 16 |
|--------------|-----------|

Second Year

| | | |
|---|--|---|
| Fall | | |
| CDV 366 | Parenting (specialized core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (specialized core) | 3 |
| CDV 363 or CDV 440 or CDV 450 | Development in Diverse Contexts or Immigrant Children and Families or Devpt in Poverty | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|---|--|---|
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| CDV 490 or CDV 492 or CDV 496 or CDV 498 | Senior Seminar or Seminar in Child Development Research or Directed Field Experience or Directed Research | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

| | |
|--------------------|-----------|
| Total Hours | 61 |
|--------------------|-----------|

Early Development and Learning Concentration**4- Year Roadmap**

| Course | Title | Hours |
|--|--------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | |
| | | 15 |
| Spring | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |

| | | |
|---|--|------------|
| MAT 131 or MAT 132 or PSY 230 | Elementary Statistics and Probability (satisfies GE Area B4) or Statistics and Probability with Support or Elementary Statistical Analysis in Psychology | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| CDV 150 | Intro Child Development | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| CDV 180 | Introduction to Observation and Assessment | 4 |
| Hours | | 14 |
| Third Year | | |
| Fall | | |
| CDV Foundational Core Course | | 3 |
| CDV Foundational Core Course | | 3 |
| CDV 240 | Early Childhood Development and Curriculum | 4 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 16 |
| Spring | | |
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core Course | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 or CDV 440 or CDV 450 | Development in Diverse Contexts ((Diversity Core) or Immigrant Children and Families or Devpt in Poverty | 3 |
| CDV Specialized Elective | | 3 |
| Elective to meet 120 units (if needed) | | 3 |
| Hours | | 15 |
| Spring | | |
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on dept. website) | | 3 |
| CDV 490 or CDV 492 or CDV 496 or CDV 498 | Senior Seminar (Capstone) or Seminar in Child Development Research or Directed Field Experience or Directed Research | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-------------------|-------------------------|-------|
| First Year | | |
| Fall | | |
| CDV 150 | Intro Child Development | 3 |

| | | |
|---|---|-----------|
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| MAT 131 or MAT 132 or PSY 230 | Elementary Statistics and Probability or Statistics and Probability with Support or Elementary Statistical Analysis in Psychology | 3 |
| Hours | | 15 |
| Spring | | |
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV 180 | Introduction to Observation and Assessment | 4 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| CDV 240 | Early Childhood Development and Curriculum | 4 |
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 or CDV 440 or CDV 450 | Development in Diverse Contexts or Immigrant Children and Families or Devpt in Poverty | 3 |
| CDV Specialized Elective | | 3 |
| Hours | | 16 |
| Spring | | |
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| CDV 490 or CDV 492 or CDV 496 or CDV 498 | Senior Seminar or Seminar in Child Development Research or Directed Field Experience or Directed Research | 3 |
| Hours | | 15 |
| Total Hours | | 63 |

Counseling and Family Services Concentration
4- Year Roadmap

| Course | Title | Hours |
|--|--------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |

| Course | Title | Hours |
|-------------------|-------------------------|-------|
| First Year | | |
| Fall | | |
| CDV 150 | Intro Child Development | 3 |

| | | |
|--------------------------------|-------------------------|---|
| CDV 150 | Intro Child Development | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| Additional GE in Area C1 or C2 | | 3 |

Hours **15**

Spring

| | | |
|--|--|---|
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Elective to meet 120 units (if needed) | | 3 |
| Elective to meet 120 units (if needed) | | 2 |

Hours **15**

Third Year

Fall

| | | |
|---|--|---|
| CDV Foundational Core Course | | 3 |
| CDV Foundational Core Course | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 2 |

Hours **14**

Spring

| | | |
|---|--|---|
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core Course | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |

Hours **16**

Fourth Year

Fall

| | | |
|---|---|---|
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 | Development in Diverse Contexts ((Diversity Core) | 3 |
| or CDV 440 | or Immigrant Children and Families | |
| or CDV 450 | or Devpt in Poverty | |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on dept. website) | | 3 |

Hours **15**

Spring

| | | |
|---|--|---|
| Specialized Elective | | 3 |
| Specialized Elective | | 3 |
| CDV Concentration (select from list on dept. website) | | 3 |
| CDV 490 | Senior Seminar (Capstone) | 3 |
| or CDV 492 | or Seminar in Child Development Research | |
| or CDV 496 | or Directed Field Experience | |
| or CDV 498 | or Directed Research | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |

Hours **15**

Total Hours **120**

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| CDV 150 | Intro Child Development | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| Upper Division GE from Area B5 | | 3 |
| Upper Division GE from Area C3 | | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| or MAT 132 | or Statistics and Probability with Support | |
| or PSY 230 | or Elementary Statistical Analysis in Psychology | |
| Hours | | 15 |

Spring

| | | |
|--|--|---|
| CDV 320 | Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundational Core Course) | 4 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Foundational Core (select course from list on Dept. website) | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |

Hours **16**

Second Year

Fall

| | | |
|---|--|---|
| CDV 366 | Parenting (Specialized Core) | 3 |
| CDV 380 | Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 | Development in Diverse Contexts (Diversity Core Courses) | 3 |
| or CDV 440 | or Immigrant Children and Families | |
| or CDV 450 | or Devpt in Poverty | |
| CDV Concentration (select from list on Dept. website) | | 3 |
| CDV Specialized Elective | | 3 |

Hours **15**

Spring

| | | |
|---|--|---|
| CDV Specialized Elective | | 3 |
| CDV Specialized Elective | | 3 |
| CDV Concentration (select from list on Dept. website) | | 3 |
| CDV 490 | Senior Seminar | 3 |
| or CDV 492 | or Seminar in Child Development Research | |
| or CDV 496 | or Directed Field Experience | |
| or CDV 498 | or Directed Research | |
| Upper Division GE from Area D3 | | 3 |

Hours **15**

Total Hours **61**

Juvenile Delinquency Concentration 4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| MAT 131 | Elementary Statistics and Probability (satisfies GE Area B4) | 3 |
| or MAT 132 | or Statistics and Probability with Support | |
| or PSY 230 | or Elementary Statistical Analysis in Psychology | |
| Hours | | 15 |

Second Year

Fall

| | | |
|--------------------------------|-------------------------|---|
| GE Area A1 Oral Communication | | 3 |
| CDV 150 | Intro Child Development | 3 |
| Lower Division GE Area C or D | | 3 |
| Lower Division GE Area C or D | | 3 |
| Additional GE in Area C1 or C2 | | 3 |

Hours **15**

Spring

| | | |
|------------------------------------|--|---|
| GE Area A3 Logic/Critical Thinking | | 3 |
|------------------------------------|--|---|

| | |
|--|-----------|
| GE Area F Ethnic Studies | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units (if needed) | 2 |
| Hours | 15 |

Third Year

| | |
|--|-----------|
| Fall | |
| CDV Foundation | 3 |
| CDV Foundation | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| CJA 444 Juvenile Justice Process (CDV Concentration) or SOC 369 or Juvenile Delinquency | 3 |
| Elective to meet 120 units | 2 |
| Hours | 14 |

Spring

| | |
|--|-----------|
| CDV 320 Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundation Core Course) | 4 |
| CDV Foundation | 3 |
| CJA 444 Juvenile Justice Process (CDV Concentration) or SOC 369 or Juvenile Delinquency | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Elective to meet 120 units | 3 |
| Hours | 16 |

Fourth Year

| | |
|--|-----------|
| Fall | |
| CDV 366 Parenting (Specialized Core) | 3 |
| CDV 380 Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 Development in Diverse Contexts ((Diversity Core) or CDV 440 or Immigrant Children and Families or CDV 450 or Devpt in Poverty | 3 |
| CDV Specialized Elective | 3 |
| CDV Concentration | 3 |
| Hours | 15 |

Spring

| | |
|--|-----------|
| CDV Specialized Elective | 3 |
| CDV Specialized Elective | 3 |
| CDV Concentration | 3 |
| CDV 490 Senior Seminar (Capstone) or CDV 492 or Seminar in Child Development Research or CDV 496 or Directed Field Experience or CDV 498 or Directed Research | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Hours | 15 |

| | |
|--------------------|------------|
| Total Hours | 120 |
|--------------------|------------|

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|-------|-----------|
| First Year | | |
| Fall | | |
| MAT 131 Elementary Statistics and Probability or MAT 132 or Statistics and Probability with Support or PSY 230 or Elementary Statistical Analysis in Psychology | | 3 |
| CDV 150 Intro Child Development | | 3 |
| CJA 444 Juvenile Justice Process (CDV Concentration) or SOC 369 or Juvenile Delinquency | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | | 3 |
| Hours | | 15 |
| Spring | | |
| CDV 320 Mthd & Analysis in Child Study (GWAR satisfying course and CDV Foundation Course) | | 4 |
| CDV Foundational Core Course (see list in on Dept. website) | | 3 |

| | |
|---|---|
| CDV Foundational Core Course (see list in on Dept. website) | 3 |
| CDV Foundational Core Course (see list in on Dept. website) | 3 |
| CDV Concentration (select from list on Dept. website) | 3 |

| | |
|--------------|-----------|
| Hours | 16 |
|--------------|-----------|

Second Year

| | |
|---|---|
| Fall | |
| CDV Concentration (select from list on Dept. website) | 3 |
| CDV 366 Parenting (Specialized Core) | 3 |
| CDV 380 Stress, Risk, & Resilience (Specialized Core) | 3 |
| CDV 363 Development in Diverse Contexts (Diversity Core Courses) or CDV 440 or Immigrant Children and Families or CDV 450 or Devpt in Poverty | 3 |
| CDV Specialized Elective | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | |
|--|---|
| CDV Specialized Elective | 3 |
| CDV Specialized Elective | 3 |
| CDV Concentration (select from list on Dept. website) | 3 |
| Upper Division GE from Area B5, C3, or D3 (one from each area required) | 3 |
| CDV 490 Senior Seminar (Capstone) or CDV 492 or Seminar in Child Development Research or CDV 496 or Directed Field Experience or CDV 498 or Directed Research | 3 |

| | |
|--------------------|-----------|
| Hours | 15 |
| Total Hours | 61 |

Clinical Science

College of Health, Human Services, and Nursing
Division of Health Sciences

Program Description Undergraduate

The rapid expansion of basic medical information, methodology, and technology in recent years has increased the demand for highly trained professionals in clinical, research, and teaching laboratories. The training of such specialists as medical technologists (Medical/ Clinical Laboratory Scientists), and Cytotechnologists is all within the broad scope of the field of clinical science.

The Bachelor of Science Degree in Clinical Science is designed to provide baccalaureate-level preparation in the clinical science professions. A strong preclinical curriculum is combined with the science and liberal arts focus of the University. The curriculum at CSUDH is designed to be inclusive of courses required by both the California Department of Public Health for the CLS generalist license and ASCP certification in medical laboratory science.

CSUDH BS graduates are eligible to apply to the Post Baccalaureate Certificate for the clinical internship program in either Medical Technology or Cytotechnology. Please note that placement in a clinical site is competitive and not guaranteed.

Post-Baccalaureate Certificates

The Post Baccalaureate Certificate Program options in Cytotechnology and Medical Technology (Medical/Clinical Laboratory Scientists) provide an academic and clinical route to professional certification and California State licensure. All applicants must apply to the University through Cal State Apply and be admitted to the Post Baccalaureate Certificate in

Clinical Science. Refer to the Graduate/Postbaccalaureate Admission Requirements in the University Catalog for details.

For post-baccalaureate students without a BS degree in either Clinical Science or Cytotechnology from CSUDH, additional coursework at CSUDH is required prior to becoming eligible to apply to the clinical internship program.

Graduates of the program, upon completion of their clinical training and passage of the appropriate certification examination(s), are considered to be clinical laboratory scientists and professionals armed with the technical skills and knowledge theory necessary to meet current and future standards of quality laboratory and health care services practice. The clinical or internship components of both options are offered under the supervision of university faculty, in affiliation with approved, accredited diagnostic healthcare facilities. Students admitted to the certificate program and who are planning to apply to a clinical option internship must meet the entry and prerequisite requirements specified in the Supplemental Criteria and Clinical Science Curriculum.

Pre-Admission Disclosure for Academic Program Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing **does not guarantee** that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from the Program Director. Please contact the department.

Features and Accreditation

The Medical Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) located at:

5600 N. River Rd., Suite 720
Rosemont, IL 60018
Phone: (773) 714-8880

The Cytotechnology clinical program is accredited through The Greater Los Angeles Consortium by the Program Review Committee of the American Society of Cytopathology, sponsored by the Commission on Accreditation of Allied Health Programs (CAAHEP) located at:

9355 113th St. N, #7709
Seminole, FL 33775
727-210-2350

Graduates of each program are eligible for the certification examination of the American Society of Clinical Pathology (ASCP) Board of Certification (BOC) and for licensure by the California State Department of Health.

Academic Advisement

Careful and comprehensive advising is a key to student success in the University and entails student, faculty, and University support services. Clinical Science majors are required to consult with an advisor upon admission and each semester before registration. Students must provide the program with copies of transcripts from all institutions attended. Each student should review the University Catalog and become familiar with the academic program and relevant policies and procedures before his/her first advising session. Students in their clinical year meet regularly with an assigned university education coordinator or liaison. Students in the clinical year meet periodically with the Program Director to monitor progress.

Preparation

High school students are encouraged to take chemistry, biology, and physics in addition to English, a foreign language, fine arts, and computer science courses.

College transfer students should contact their counseling office at their college before admission to CSUDH and contact the College of Health, Human Services, and Nursing Student Success Center after admission to the university to identify appropriate lower division major/minor preparatory courses. Courses in quantitative chemistry, anatomy and physiology, physics, general biology, and statistics are recommended.

Students with foreign degrees must have their transcripts evaluated by an approved external foreign transcript evaluation service and comply with the University's policy on the Test of English as a Foreign Language (TOEFL).

The evaluation must document an acceptable baccalaureate degree before consideration for clinical placement may be made. The California State Department of Public Health Laboratory Field Services will accept the evaluation from "Current Members" of the National Association of Credential Evaluation Services (NACES) or "Endorsed Members" of the Association of International Credential Evaluators, Inc. (AICE)

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Clinical Science provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in courses used to satisfy the upper-division requirement in the major; and

Students who achieve Honors in Clinical Science will have the information recorded on their transcripts and diplomas.

Practicing Professionals in the Clinical Options

Cytotechnologists are skilled in examining human cellular material in search of abnormalities that are the warning signs of cancer. They perform a variety of diagnostic and research procedures in the cytology laboratory including basic cytologic examinations, staining, and processing of tissue specimens that have been removed by non-invasive techniques, surgery, or fine needle aspiration. Advanced techniques include the use of digital and immunofluorescent microscopy, cytogenetics, and molecular markers. The cytotechnologist is capable

of developing a differential diagnosis based on cellular evidence in conjunction with pertinent cognitive knowledge and other clinical data.

The Medical Technologist is also known as a Clinical Laboratory Scientist (CLS) and/or Medical Laboratory Scientist (MLS), depending on the certification obtained. Medical Technologists perform or supervise the performance of clinical laboratory testing in the general and specialized areas of clinical biochemistry, hematology, medical microbiology, immunohematology, immunology, serology, and clinical microscopy. Data collected is correlated to pathophysiology and used by health professionals in the diagnosis, treatment, and prevention of disease. Medical Technologists may also review and conduct research activities.

Student Organizations

All Clinical Science Majors and other interested students are encouraged to join and become active in the Clinical Science Club (CSC). For application and other information, contact the club president or advisor to become a member.

Supplemental Admission Criteria and Policies for Clinical Internships

All applicants must first be admitted to the University. However, Admission to the University does not constitute automatic admission to the clinical internship. There is no direct admission into the Clinical Internship program. The clinical internship application is available in the Department. Contact the department based on the following timelines.

Application Dates for Clinical Internships

| Clinical Application | Clinical Component | Dates Beginning |
|----------------------|--------------------|-----------------|
| Cytotechnology | February 1-28 | Summer Class |
| Medical Technology | October 1-31 | Summer Class |

For all postbaccalaureate clinical training internships, i.e., Cytotechnology and Medical Technology, **Supplemental Admission Criteria** apply.

Because clinical facilities in each of the options have a limited number of positions, a limited number of students are admitted to a given option. In addition, clinical positions may not be available to international student visa holders or students not proficient in English. For any clinical class, there may be more qualified applicants than can be accommodated, thereby designating the program as "impacted."

Applicants for clinical placement must have been fully admitted to the University and must have been in residence for two semesters prior to the beginning of the clinical component. BS degree applicants must have completed all graduation requirements with the exception of the preclinical requirement. However, all pre-clinical requirements must be scheduled for completion prior to the start of the clinical internship.

From among the applicants for a Clinical Option, the Committee for Clinical Laboratory Experience (CCLE) will determine those applicants who are accepted to the clinical internship on the basis of the following Supplemental Admission Criteria:

1. Grade point average in required "pre-clinical course work" (minimum 3.00 on a 4.00 scale). The pre-clinical courses must be completed at CSUDH unless department approval is received.
2. Completion of the pre-clinical course requirements. A minimum grade of "C" is required for all pre-clinical courses.

3. Desirable "pattern" of academic performance (i.e., consistency and/or improvement).
4. Evaluation by the Committee for Clinical Laboratory Experience (CCLE) of the student's potential to succeed in the program and the profession (appearance, attitude, interest, enthusiasm, poise, motivation, expectations, career planning, maturity, social understanding and involvement, flexibility, and stability).
5. Completion of a minimum of two semesters in residence at CSUDH to complete the preclinical course requirements prior to beginning the clinical training. Evaluation of missing coursework at the time of application will be performed on a case-by-case basis by the Program Director.
6. Physical, professional, and emotional fitness for the demands of the job as verified by a physician and three letters of recommendation. At least one of these letters should validate relevant work experience and/or knowledge of the field. Accordingly, it is recommended that one be from an employer and the others from faculty teaching for the pre-clinical course work at CSUDH or other institutions. Recommendations should address recent activities.
7. Clarity of expression (oral and written) and relevant extracurricular activity (e.g., active member or officer of a social club, Clinical Science Club, Science Society, etc.).
8. Have no felony convictions.
9. Other factors that will be considered, but which will not guarantee selection are prior qualified application, previous experience in a clinical laboratory setting, and veteran status.

Applicants to the clinical Internship who have repeated pre-clinical courses may have their ranking reduced in the selection process. Repeating a single course more than once is discouraged. After 3 unsuccessful attempts, the applicant is no longer eligible for the Clinical Internship.

The CCLE is composed of university faculty and adjunct faculty from each clinical facility. One or more oral interviews will be required on campus and/or at the clinical facilities.

The program director will notify the applicant of the admission decision in consultation with the Committee for Clinical Laboratory Experience (CCLE). The program director, in consultation with the officials of the affiliated program, determines to which affiliate the student will be placed. Student preference is considered as one factor in the decision. In order to retain admission status, students must communicate their intention to the program director, in writing, within 15 working days following notification of admission. Final placement assumes continued eligibility under supplementary and basic admission criteria. In some cases, the CCLE may require additional coursework or performance levels prior to placement consideration. Failure to satisfy such requirements may disqualify the student from entering the clinical component.

Academic Regulations

For pre-clinical courses, a grade of "C" is the minimum acceptable grade. In the clinical component, a grade of "C" is the minimal acceptable grade. Students in the clinical internship who receive a grade or grades below the acceptable minimum or who show a lack of reasonable progress may be requested to appear before the Committee for Clinical Laboratory Experience and/or placed on academic notice. The committee also considers disciplinary cases. Continued lack of progress, in the opinion of the committee, and with the approval of the department Chairperson, may result in Administrative or Academic Dismissal from the clinical program.

Transportation

Students are required to furnish their own transportation to and from the clinical facility and in those pre-clinical courses that require field trips.

Uniforms

Laboratory coats are required in the clinical and for most pre-clinical courses.

Essential Functions

A combination of psychomotor and sensory abilities is needed by students to successfully achieve professional entry-level competencies in the clinical sciences. These "Essential Functions" fall into the categories of visual, motor, communications, behavior, and computational:

Essential Functions: Visual

The CLS student must possess sufficient visual acuity to recognize, perform, and analyze findings from clinical procedures, including the necessary skills to:

- Observe clinical demonstrations.
- Differentiate color reactions.
- Characterize physical properties of biologicals and solutions.
- Distinguish numbers, characters, decimal points, and graphs on an electronic screen.
- Distinguish numbers, characters, decimal points, and graphs on a hard copy report.
- Identify stained and unstained structural features of specimens using a binocular bright-field microscope.
- Match figures, lines, structural and spatial configurations with or apart from each other.
- Read calibration marks on measuring devices.
- Observe signs of distress from clients during phlebotomy, injections, or imaging.

Essential Functions: Motor

The CLS students must possess sufficient motor ability to perform clinical diagnostic tests and to manipulate laboratory equipment, including the necessary skills to:

- Travel to numerous clinical sites for assigned clinical rotations.
- Position patients for diagnostic procedures.
- Deliver assistance to clients in distress during phlebotomy.
- Control and adjust switches, dials, keypads, and/or touchpads on equipment used for laboratory tests and diagnostic procedure.
- Manipulate equipment used for phlebotomy, injections or fine needle biopsies.
- Control and adjust devices used for measuring biologicals, chemicals, or radiation.
- Move about a clinical facility in a safe manner.

Essential Functions: Communications

- Read, write, and verbalize in English.
- Read and comprehend technical policy and procedure manuals and test inserts.
- Follow verbal and written instructions.
- Instruct clients prior to specimen collection, in preparation for and/or during diagnostic procedures.

- Take written, computer, and practical examinations.
- Investigate and prepare a research paper and/or project.

Essential Functions: Behavior

The CLS student must possess sufficient behavioral skills to:

- Adapt to changes in schedule and/or assignments.
- Show flexibility and adjust to instruction from multiple clinical practitioners and Adjunct Faculty.
- Comply with the health, safety, and liability policies listed in the University Catalog.

Essential Function: Computational

The CLS student must possess sufficient computational skills to perform mathematical calculations needed for laboratory data analysis and quality assurance.

Health Insurance

Student health and accident insurance is required during clinical training. It is the responsibility of the student to secure acceptable insurance and present evidence of health insurance before entering the clinical. For additional information, contact the Student Health Center or the affiliate.

Liability Insurance

Clinical affiliates require students to carry professional liability insurance during the clinical component. In those cases, it is the responsibility of the student to provide evidence of such coverage prior to entering the clinical class. An information packet on insurance requirements is included in the Application Packet for Clinical Placement.

Health Requirements

Immune Status

Students selected for internships in the clinical options will be required to demonstrate immunity to measles, mumps, rubella(MMR), and varicella.

Students must also show that they are free from tuberculosis by PPD (TB Mantoux Skin Test), Quantiferon Gold TB test, or chest X-ray, and must present proof of immunity to hepatitis B, diphtheria, tetanus, pertussis, and COVID-19. The seasonal influenza vaccine and additional requirements may be required by specific sites. Students must provide documentation of all the above to the Clinical Science Program Director before beginning training at any affiliated facility.

Hepatitis B Vaccination

Clinical Science students will be offered, at their own expense, vaccination against Hepatitis B at the CSU Dominguez Hills Student Health Center. Students may refuse the vaccine using the approved waiver form. The record of waiver or vaccination must be provided to the clinical facility and on file in the Clinical Sciences department. Students may be vaccinated by their own healthcare provider or by the Department of Public Health. All students are encouraged to consult with their healthcare provider for information on possible adverse effects before being vaccinated.

Physical Examination

Successful applicants will be required to obtain a physical examination including a tuberculin skin test. Additional information on these procedures may be obtained by contacting the program office. The physical examination may be done by the student's family physician or,

for a nominal fee, at the Student Health Center. An appointment is advised well in advance of the beginning of the clinical class.

Trainee License

For the clinical year in medical technology, students must obtain a California Clinical Laboratory Technologist Trainee's license before entering the clinical year. The Trainee license is requested online through the LFS website and official transcripts, with the degree, posted, are sent by the registrar's office, directly to:

State of California Department of Health Services Laboratory Field Services Section -PLS Program
850 Marina Bay Parkway, Building P, 1st Floor, Richmond, California 94804

Mission and Goals

The mission of the Clinical Science programs is to provide high-quality education and professional preparation in cytotechnology and medical technology for a diverse student population, to prepare them for traditional and emerging roles as clinical science professionals. The goals of each of the programs, in addition to preparing entry-level clinical practitioners, are to:

- Produce clinical scientists who can research, develop, evaluate, and implement clinical skills and procedures utilizing a high degree of independent judgment and applied cognitive knowledge.
- Consult, where appropriate, with other members of the healthcare team; and
- Instill within graduates a sense of professionalism, dedication, and commitment to healthcare and their profession that will stay with them throughout their careers.

Undergraduate Programs

Bachelor

- Clinical Science, Bachelor of Science (p. 470)

Post Baccalaureate Programs

Post Baccalaureate Certificates

- Clinical Science - Cytotechnology, Post-Baccalaureate Certificate (p. 469)
- Clinical Science - Medical Technology, Post-Baccalaureate Certificate (p. 469)

Faculty

Payman Nasr, Ph.D., MT ASCP - Department Chair

Jahangir Abdi, Ph.D., ASCP

Sarah Turkel, MS, MPH, MT(ASCP), CIC, FAPIC - Postbaccalaureate Medical Technology Certification Program Director

Program Office: Welch Hall A-330, (310) 243-3748

Emeriti Faculty

Cheryl Jackson-Harris

Courses

CLS 301. Intro Clin Lab Proced Lec. (2 Units)

Prerequisite: BIO 122 required. Demonstration and practice of specialized techniques used in the clinical setting. Theory of arterial, capillary and venipuncture including complications. Processing body fluids. Review of state/federal laws, biohazards and quality assurance. Oral and/or written reports/projects.

Offered Fall, Spring

CLS 302. Clinical Practice Lab. (1 Units)

Prerequisites: BIO 122; CLS 301 or concurrent enrollment required. Practice in clinical laboratory techniques: phlebotomy; serum, plasma and whole blood preparation for testing; Minimum 90 hours training at a clinical affiliate under University Faculty supervision. Written report(s).

Offered Fall, Spring

CLS 303. Radiation Science. (3 Units)

Prerequisites: MAT 171 and HSC 201. Overview of radiation science: history, radiation physics, instrumentation, protection and safety. Applications to clinical procedures utilizing radionuclides. Problem solving.

Offered As needed

CLS 304. Introduction to Urinalysis and Body Fluids. (3 Units)

Prerequisite: BIO 122 and CHE 112 or equivalent is required. An introduction to the analysis of urine and body fluids used in the clinical setting. Discussion of the theory and diagnostic applications relative to the analysis of urine and body fluids. Demonstration of lab techniques with limited lab practice.

Offered Fall, Spring

CLS 305. Rad Biology & Protection. (1 Units)

Prerequisite: Admission to the clinical year. Modes of radioactive decay, photon radiation, interaction of radiation with matter, biologic effects of radiation, decontamination techniques, government regulations. Problem solving. Report writing. Oral and/or written reports/projects.

Offered As needed

CLS 306. Clin Immun & Immunochem. (4 Units)

Prerequisites: BIO 250; CLS 301 or concurrent enrollment required. Theory and practice of serologic techniques; nature of antigens, antibodies and the immune response. Genetics of red cell antigens. Pre-natal, neonatal, and pre transfusion testing. Cause, investigation and prevention of HDNB. Compatibility testing and investigation of transfusion reactions. Case studies. Written reports. Three hours of lecture and three hours of laboratory per week.

Offered Spring

CLS 307. Clinical Hematology. (4 Units)

Prerequisites: BIO 250; CLS 301 or concurrent enrollment required. The goal of this course is to provide the student with the basic theoretical foundation of Clinical Hematology relative to the scope of practice for an entry level Clinical Laboratory Scientist. The student will first focus on normal blood cell development (hematopoiesis), then normal cell function, leading into abnormal function and the pathogenesis of hematological disorders. The course emphasis is on recognition of normal and abnormal laboratory results and interpretation of clinical data used in the diagnostic process. The course is broken down into four main sections: starting with an overview of the clinical hematology laboratory and hematopoiesis; then erythropoiesis and disorders primarily involving red cells; followed by normal leukopoiesis, non-malignant leukocytes, and related disorders; and lastly the study of malignant leukocyte disorders and platelets. Students will describe and analyze the process of Hematopoiesis. Disciplinary writing will be employed to produce case studies, written reports and analyze theory of hematology procedures. Application of course concepts will be used to enumerate and identify blood cells. Emphasis will be placed on the identification and description of detection of abnormalities and on the demonstration of special equipment and techniques. The proposed Student Learning Outcomes (SLO) are as follows. 1. Demonstrate the ability to perform clinical diagnostic testing, evaluate outcomes, and generate a written report in order to solve problems related to pre-analytical, analytical, and post-analytical components of services in the clinical laboratory. 2. Employ health professional discourse and proper medical terminology to facilitate communication on laboratory findings pertaining to hematology. 3. Identify, read, and interpret published studies in clinical hematology in order to describe, evaluate, and report the clinical laboratory findings. 4. Identify and analyze the principles of hematology and generate written reports that address laboratory findings. 5. Communicate effectively about hematology across medical professions, including physician, nursing, and other specializations.

Offered Fall

CLS 308. Pathophys for Hlth Professions. (3 Units)

Prerequisite: BIO 250 and either BIO 251, CHE 112, or equivalent. Principles of clinical pathophysiology, including assessment of clinical data necessary for identifying the causes of diseases and evaluating the underlying mechanisms of pathologic processes. Discussion of immune disorders, inflammation, neoplasia and genetic disorders. Review of the individual organ system and associated pathology. Case studies, written/ and or oral reports.

Offered All terms, Fall

CLS 401. Overview: Virology/Mycology. (2 Units)

Prerequisites: BIO 324 or concurrent enrollment; CLS 301 is recommended. Brief introduction to special pathogens for students preparing for the clinical virology and mycology rotations in the clinical laboratory.

Offered Spring

CLS 410. Nml: Imaging Techniques. (5-6 Units)

Prerequisite: Admission to the clinical year. Use of nuclear medicine equipment in a clinical setting to visualize organs, determine function of organs and organ systems.

Offered As needed

CLS 411. Nml: Radiopharm/Assay. (4 Units)

Prerequisite: Admission to the clinical year. Preparation of radionuclides for administration in diagnostic testing including radio- chemical purity, quantitative assay and sterility. Radioassay techniques: calibration and use of instruments, specimen collection. Quality assurance.

Offered As needed

CLS 412. Nml: Instru/In Vivo. (4 Units)

Prerequisite: Admission to the clinical year. Performance of procedures utilizing radionuclides for in-vivo studies. Instrument calibration, preventive maintenance. Computer applications.

Offered As needed

CLS 413. Nml: Special Studies. (2 Units)

Prerequisite: Admission to the clinical year. Practicum in special studies of interest related to nuclear medicine. Project and written report.

Repeatable course.

Offered As needed

CLS 420. Cnm: Imaging Techniques. (3 Units)

Prerequisite: Admission to the clinical year. Principles of stationary and moving imaging with correlations to pathophysiology in human organs and systems.

Offered As needed

CLS 421. Cnm: Radiopharm/Assay. (2 Units)

Prerequisite: Admission to the clinical year. Theory of radiopharmaceutical applications: radionuclides, dose calibration. Principles of saturation analysis and competitive protein binding, correlations of biochemistry, pathophysiology, radioassay techniques, principles and applications to individual techniques. Quality assurance.

Offered As needed

CLS 422. Cnm: Instru/In Vivo Tech. (2 Units)

Prerequisite: Admission to the clinical year. Instrumentation including Geiger-Mueller tubes, rectilinear scanners, scintillation spectrometers and gamma cameras. In-vivo techniques including Schilling test, blood volume, time dependent studies, erythrokinetics, gastrointestinal loss studies.

Offered As needed

CLS 423. Cnm: Special Studies. (1 Units)

Prerequisite: Admission to the clinical year. Special studies including ultrasound, radiotherapy and nuclear magnetic resonance. Repeatable course.

Offered As needed

CLS 430. Clin Micro Lab. (3-4 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in medical microbiology including parasitology, mycology, and bacteriology at a clinical affiliate. Oral and/or written reports/projects.

Offered Fall

CLS 431. Clin Chemistry Lab. (3-4 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in chemistry at a clinical affiliate. Oral and/or written reports/projects.

Offered Fall

CLS 432. Clin Hem/Urinalysis Lab. (4 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in hematology and urinalysis at a clinical affiliate. Oral and/or written reports/projects.

Offered Spring

CLS 433. Clin Immunohem/Sero Lab. (3 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in serology, immunology and blood banking at a clinical affiliate. Oral and/or written reports/projects.

Offered Spring

CLS 434. Clin Special Proc Lab. (1 Units)

Prerequisite: Admission to the clinical year. Techniques and practice in special procedures at a clinical affiliate. Oral and/or written reports/projects. Repeatable course.

Offered Spring

CLS 440. Correl Clin Micro. (2 Units)

Prerequisite: Admission to the clinical year. Theory and correlations of pathophysiology in medical microbiology including mycology, parasitology and bacteriology.

Offered Spring

CLS 441. Correl Clin Chem. (2 Units)

Prerequisite: Admission to the clinical year. Theory and practical aspects correlating clinical chemistry with pathophysiology.

Offered Spring

CLS 442. Correl Clin Hem-Urinalysis. (2 Units)

Prerequisite: Admission to the clinical year. Theory and practical applications correlating hematology and urinalysis to pathophysiology.

Offered Fall

CLS 443. Correl Clin Imunohem-Sero. (2 Units)

Prerequisite: Admission to the clinical year. Theory and practical applications correlating serology, immunology and blood banking to pathophysiology.

Offered Fall

CLS 450. Micro: Fem Genit Tract. (4 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes from the female genital tract, including microbiology, hormonal effects and response to therapy.

Offered Fall

CLS 451. Micro: Resp & Gi Tract. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes from the respiratory and gastrointestinal tracts.

Offered Fall

CLS 452. Micro: Gu Tract/Body Cav Fluid. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes of the genitourinary system and body cavity fluids.

Offered Fall

CLS 453. Micro: Fine Needle Aspir. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Microscopic examination of cytologic and histologic material of benign and malignant disease processes in aspirated material.

Offered Spring

CLS 454. Micro: Systems Overview. (4 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Cytologic examination of gynecologic and non-gynecologic material from all body sites for diagnostic purposes.

Offered Spring

CLS 455. Cytologic Preparation. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Current methods of processing and staining material for cytologic study. Techniques utilized in obtaining non-gynecologic material for cytologic evaluation.

Offered Spring

CLS 460. General Cytology. (3 Units)

Prerequisite: Admission to the clinical year in cytotechnology. General cytology, cytogenetics, and electron microscopy. Basic principles of pathology and cytology as they apply to malignancy. Anatomy, histology, pathology and cytopathology of the female genital tract, including microbiology, hormonal effects and response to therapy.

Offered Fall

CLS 461. Cyto Res & Gi Tract. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Normal and abnormal cytology of the respiratory and gastrointestinal tracts with emphasis on anatomical and histological pathology.

Offered Spring

CLS 462. Cyto Gu Body C Fluids. (2 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Normal and abnormal cytology of the genitourinary system and body cavity fluids with emphasis on anatomical and histological pathology.

Offered Spring

CLS 463. Fine Needle Aspirat Cytol. (1 Units)

Prerequisite: Admission to the clinical year in cytotechnology. Normal and abnormal aspiration cytology of the major organs with emphasis on anatomical and histological pathologies.

Offered Spring

CLS 490. Seminar In Clinical Sciences. (1 Units)

Prerequisites: CLS 301 and CLS 306 required; and all lower division Clinical Science Program required. Presentation and discussion of pertinent topics from clinical science trade journals. Written and oral presentations. One hour of seminar per week.

Offered As needed

CLS 491. Management Skills in Clinical Sciences. (3 Units)

Prerequisites: Admission to Clinical Internship; CLS 301 is recommended. Discussion of current and emerging theories, concepts and trends relevant to the management of clinical laboratories, including compliance, professional development, training and educational methodologies. Student projects, written and oral reports are required.

Offered All terms, Spring

CLS 492. Research Methods in Clinical Science. (3 Units)

Prerequisite: Admission to Clinical Internship; MAT 131 is recommended. Overview of relevant theoretical concepts, methods and applications utilized in clinical science research. Application of research methods to the development and design of research proposal. Critical analysis of literature review, data, and published research studies in clinical sciences.

Offered All terms, Fall

CLS 494. Independent Study in Clinical Science. (1-3 Units)

Course of study designed cooperatively by student and instructor to accomplish individualized learning objectives that are appropriate to the clinical laboratory. Consent of instructor required. CR/NC grading.

Offered Fall, Spring

CLS 501. Clinical Sciences: Team Concept. (3 Units)

Prerequisite: HEA 201. Analysis of the current status and problems in health care delivery including management, staffing and health economics; development of a realistic model. Role of allied health professionals in health care delivery; scientific medicine vs. holistic health; prevention and health education. Coordination of the clinical sciences into an effective health care team. To successfully complete this class, students must demonstrate proficiency to the satisfaction of the instructor in oral and written communication skills in the English language. Oral and/or written reports/projects.

Offered As needed

CLS 502. Management Concepts in the Clinical Sciences. (3 Units)

Prerequisite: HEA 201. Managerial function, organization, and structure. A pragmatic approach to the strategies and tactics available to the professional manager. Special projects in work sampling, workload recording and time management for health care professionals. Oral and/or written reports/projects.
Offered As needed

CLS 503. Clinical Diagnosis. (3 Units)

By use of case studies, interpretation of clinical data, correlation of history and physical to diagnosis, treatment and follow-up protocols. Student case study investigation. Two hours of lecture and two hours of activity per week.
Offered As needed

CLS 504. Data Collect & Process. (3 Units)

Prerequisite: CSC 111 or equivalent. Collection, storage and retrieval of data, with emphasis on clinical applications. Modern information systems and evaluation of such systems from the clinical science management view point. Oral and/or written reports/projects. Two hours of lecture and two hours of activity per week.
Offered As needed

CLS 505. Stat Analysis & Research. (3 Units)

Prerequisite: MAT 131. Application of statistical analysis in the clinical and health sciences, including normal and binomial distribution, t-tests, chi square tests, analysis of variance, linear regression and correlation. Student project required. Two hours of lecture and two hours of activity per week
Offered As needed

CLS 590. Graduate Seminar. (1-2 Units)

Prerequisites: CLS 501, CLS 502 and CLS 503 or consent of instructor. Seminar methods and use of the literature in the clinical sciences. Faculty and student directed discussions of contemporary clinical science issues. Participants present and interpret recent publications. Written abstracts. Repeatable up to 6 units. One hour of seminar per week.
Offered As needed

CLS 594. Ind Study In Clin Sci. (1-3 Units)

Prerequisite: Consent of instructor and advisor. Independent and original laboratory or field investigation under supervision of a faculty member.
Offered As needed

CLS 595. Special Top:.. (1-3 Units)

Prerequisite: Health Care Practitioner. Advanced topics of special interest to Clinical Science majors possessing health care credentials. Topic and content will vary as announced.
Offered As needed

CLS 596. Internship. (1-6 Units)

Prerequisite: Graduate standing; CLS 501 and 502 recommended. Students will be directed to health care facilities to serve as interns within their chosen specialization. Teaching opportunities may be available in a variety of settings. Regular meetings are scheduled with a faculty internship supervisor to assess student progress. Written report required. Course designed for graduate students in the Clinical Sciences. Repeatable course.
Offered As needed

CLS 599. Grad Capstone Activity. (1-3 Units)

Prerequisites: Graduate Writing Assessment Requirement; advancement to candidacy, and completion of all required core courses. Department approval of advisor and project. Students will choose either a thesis, project or comprehensive examination in consultation with their advisor.
Offered As needed

CLS 600. Grad Continuation Course. (1 Units)

Graduate students who have completed course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Fall, Spring

Clinical Science - Cytotechnology, Post-Baccalaureate Certificate

All pre-clinical requirements must be completed prior to starting the clinical internship. See BS degree Curriculum. The Post Baccalaureate Certificate in Clinical Science – Cytotechnology is awarded upon successful completion of Clinical Year Laboratories and Lectures as a Cytotechnologist Trainee in an affiliated clinical facility. Awardees are eligible to sit for the national certification of the ASCP - Board of Certification and California-issued State licensure.

All pre-clinical requirements must be completed prior to starting the clinical internship. See BS degree Curriculum. The Post Baccalaureate Certificate in Clinical Science – Cytotechnology is awarded upon successful completion of Clinical Year Laboratories and Lectures as a Cytotechnologist Trainee in an affiliated clinical facility. Awardees are eligible to sit for the national certification of the ASCP - Board of Certification and California issued state licensure.

Requirements

Required Courses

| Code | Title | Hours |
|--------------------|--|-----------|
| CLS 450 | Micro: Fem Genit Tract | 4 |
| CLS 451 | Micro: Resp & Gi Tract | 2 |
| CLS 452 | Micro: Gu Tract/Body Cav Fluid | 2 |
| CLS 453 | Micro: Fine Needle Aspir | 2 |
| CLS 454 | Micro: Systems Overview | 4 |
| CLS 455 | Cytologic Preparation | 2 |
| CLS 460 | General Cytology | 3 |
| CLS 461 | Cyto Res & Gi Tract | 2 |
| CLS 462 | Cyto Gu Body C Fluids | 2 |
| CLS 463 | Fine Needle Aspirat Cytol | 1 |
| CLS 491 | Management Skills in Clinical Sciences | 3 |
| CLS 492 | Research Methods in Clinical Science | 3 |
| Total Hours | | 30 |

Clinical Science - Medical Technology, Post-Baccalaureate Certificate

All pre-clinical requirements must be completed prior to starting the clinical internship. See BS degree Curriculum. The Post Baccalaureate

Certificate in Clinical Science - Medical Technology is awarded upon successful completion of Clinical Year Laboratories and Lectures as a California Licensed Clinical Laboratory Technologist Trainee in an affiliated clinical facility. Awardees are eligible for the California State-issued licensure for the generalist Clinical Laboratory Scientist and the National Board Certifications Examination(s).

All pre-clinical requirements must be completed prior to starting the clinical internship. See BS degree Curriculum. The Post Baccalaureate Certificate in Clinical Science - Medical Technology is awarded upon successful completion of Clinical Year Laboratories and Lectures as a California Licensed Clinical Laboratory Technologist Trainee in an affiliated clinical facility. Awardees are eligible for the California issued licensure for the generalist Clinical Laboratory Scientist and to sit for the National Certifications Examination(s).

Requirements

Required Courses

| Code | Title | Hours |
|---------|--|-------|
| CLS 430 | Clin Micro Lab | 3-4 |
| CLS 431 | Clin Chemistry Lab | 3-4 |
| CLS 432 | Clin Hem/Urinalysis Lab | 4 |
| CLS 433 | Clin Immunochem/Sero Lab | 3 |
| CLS 434 | Clin Special Proc Lab | 1 |
| CLS 440 | Correl Clin Micro | 2 |
| CLS 441 | Correl Clin Chem | 2 |
| CLS 442 | Correl Clin Hem-Urinalysis | 2 |
| CLS 443 | Correl Clin Immunohem-Sero | 2 |
| CLS 491 | Management Skills in Clinical Sciences | 3 |
| CLS 492 | Research Methods in Clinical Science | 3 |

Total Hours **28-30**

Clinical Science, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (72-76 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Single Field Major - no minor required

Cytotechnology Option (72 units)

| Code | Title | Hours |
|------------------------------------|---|-----------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 220 | Molecular Biology | 3 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis ¹ | 4 |
| HEA 201 | Healthcare Systems and Perspectives | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| Upper Division Requirements | | |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| CLS 301 | Intro Clin Lab Proced Lec ¹ | 2 |
| CLS 304 | Introduction to Urinalysis and Body Fluids ¹ | 3 |
| CLS 306 | Clin Immun & Immunochem ¹ | 4 |
| CLS 307 | Clinical Hematology ¹ | 4 |
| CLS 308 | Pathophys for Hlth Professions ¹ | 3 |
| BIO 320 | Cell Biology ¹ | 3 |
| BIO 340 | Genetics ¹ | 3 |
| BIO 422 | Histology ¹ | 3 |
| BIO 424 | Histology Laboratory ¹ | 1 |
| Total Hours | | 72 |

¹ These are pre-clinical courses from which grade point averages are calculated to determine clinical placement eligibility. They must have been taken within the last five years in the United States. Exceptions may be granted by the Program Coordinator.

Medical Technology Option (76 units)

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 220 | Molecular Biology | 3 |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| CHE 230 | Quantitative Analysis ¹ | 4 |
| HEA 201 | Healthcare Systems and Perspectives | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| Upper Division Requirements | | |
| BIO 324 | Microbiology with Clinical Applications | 3 |

| | | |
|--------------------|---|-----------|
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| CLS 301 | Intro Clin Lab Proced Lec ¹ | 2 |
| CLS 304 | Introduction to Urinalysis and Body Fluids ¹ | 3 |
| CLS 306 | Clin Immun & Immunochem ¹ | 4 |
| CLS 307 | Clinical Hematology ¹ | 4 |
| CLS 308 | Pathophys for Hlth Professions ¹ | 3 |
| CLS 401 | Overview: Virology/Mycology ¹ | 2 |
| BIO 425 | Medical Bacteriology ¹ | 2 |
| BIO 435 | Medical Bacteriology Laboratory ¹ | 2 |
| BIO 458 | Human Parasitology ¹ | 3 |
| BIO 459 | Human Parasitology Laboratory | 1 |
| CHE 450 | Biochemistry I | 4 |
| CHE 451 | Biochemistry I Lab | 1 |
| CHE 456 | Clinical Chemistry ¹ | 3 |
| Total Hours | | 76 |

¹ These are pre-clinical courses from which grade point averages are calculated to determine clinical placement eligibility. They must have been taken within the last five years in the United States. Exceptions may be granted by the Program Coordinator.

Phlebotomy experience (CLS 302 Clinical Practice Lab) is required by many of the affiliated labs for clinical internships in medical technology. Each medical technology student is required to consult with an advisor regarding this elective.

California state licensure for medical technology requires that three (3) units in physics, including light and electricity, be completed prior to issuing the clinical trainee license. Each medical technology student is required to consult with an advisor regarding this state regulation.

Program Learning Outcomes

- Demonstrate the ability to recall, apply and synthesize knowledge of scientific principles, clinical concepts, mechanisms leading to disease, and methodologies in each area of the laboratory.
- Demonstrate the ability to correlate laboratory findings with the disease presentation.
- Demonstrate the ability to perform clinical diagnostic testing and evaluate outcomes in order to solve problems related to pre-analytical, analytical, and post-analytical components of services in each area of the laboratory.
- Demonstrate the ability to use knowledge of research design/practice to evaluate published studies, to create an abstract and proposal, and to address laboratory-related advances and innovations.
- Demonstrate the ability to apply principles of management to address laboratory operations, communication, ethics, safety, regulatory and compliance, and professional development.
- Demonstrate professionalism in personal conduct by showing the ability to communicate effectively, respect patient rights, culture, privacy, and participate as a member of the healthcare team and comply with laboratory standards of practice.
- Graduates of the program, upon completion of their clinical training and passage of the appropriate certification examination(s), are considered to be clinical/medical laboratory scientists and professionals armed with the technical skills and knowledge theory

necessary to meet current and future standards of quality laboratory and healthcare services practice.

Cytotechnology Option Roadmaps

4-Year Degree Roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| CHE 110 | General Chemistry I | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| HEA 201 | Healthcare Systems and Perspectives (GE Area E) | 3 |
| CHE 112 | General Chemistry II | 5 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| POL 101 | American Institutions | 3 |
| BIO 124 | Principles of Biology III | 3 |
| BIO 125 | Principles of Biology Lab III | 1 |
| CHE 230 | Quantitative Analysis ¹ | 4 |
| Hours | | 14 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| CLS 301 | Intro Clin Lab Proced Lec ¹ | 2 |
| Hours | | 15 |
| Spring | | |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| CLS 304 | Introduction to Urinalysis and Body Fluids ¹ | 3 |
| CLS 306 | Clin Immun & Immunochem ¹ | 4 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CLS 307 | Clinical Hematology ¹ | 4 |
| CLS 308 | Pathophys for Hlth Professions ¹ | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| BIO 320 | Cell Biology ¹ | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |

| Spring | | |
|---|---|------------|
| BIO 422 | Histology ¹ | 3 |
| BIO 424 | Histology Laboratory ¹ | 1 |
| BIO 340 | Genetics (satisfies GE Area B5) ¹ | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 16 |
| Total Hours | | 120 |

¹ These are pre-clinical courses from which grade point averages are calculated to determine clinical placement eligibility. They must have been taken within the last five years in the United States. Exceptions may be granted by the Program Coordinator.

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| BIO 220 | Molecular Biology | 3 |
| BIO 221 | Molecular Biology Laboratory | 1 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| CHE 230 | Quantitative Analysis ¹ | 4 |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| Hours | | 15 |
| Spring | | |
| CLS 304 | Introduction to Urinalysis and Body Fluids ¹ | 3 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| CLS 306 | Clin Immun & Immunohem ¹ | 4 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CLS 301 | Intro Clin Lab Proced Lec ¹ | 2 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CLS 307 | Clinical Hematology ¹ | 4 |
| Elective to meet 120 units | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CLS 308 | Pathophys for Hlth Professions ¹ | 3 |
| BIO 320 | Cell Biology ¹ | 3 |
| Hours | | 16 |
| Spring | | |
| BIO 422 | Histology ¹ | 3 |
| BIO 424 | Histology Laboratory ¹ | 1 |
| BIO 340 | Genetics (satisfies GE Area B5) ¹ | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 13 |
| Total Hours | | 60 |

¹ These are pre-clinical courses from which grade point averages are calculated to determine clinical placement eligibility. They must have been taken within the last five years in the United States. Exceptions may be granted by the Program Coordinator.

Medical Technology Roadmaps

4-Year Degree Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| CHE 110 | General Chemistry I | 5 |
| MAT 131 | Elementary Statistics and Probability (GE Area B4) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| CHE 112 | General Chemistry II | 5 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| BIO 122 | Principles of Biology II | 3 |
| BIO 123 | Principles of Biology Laboratory II | 1 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| CHE 230 | Quantitative Analysis ¹ | 4 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| GE Area F Ethnic Studies | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 16 |
| Spring | | |
| HEA 201 | Healthcare Systems and Perspectives (GE Area E Lifelong Learning and Self-Development) | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| HIS 101 | History Of United States | 3 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| BIO 220 | Molecular Biology | 3 |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| CLS 301 | Intro Clin Lab Proced Lec | 2 |
| Hours | | 15 |
| Spring | | |
| CLS 304 | Introduction to Urinalysis and Body Fluids | 3 |
| CLS 306 | Clin Immun & Immunohem ¹ | 4 |
| CLS 308 | Pathophys for Hlth Professions ¹ | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| CLS 307 | Clinical Hematology ¹ | 4 |
| CHE 450 | Biochemistry I ¹ | 4 |
| CHE 451 | Biochemistry I Lab ¹ | 1 |
| BIO 458 | Human Parasitology ¹ | 3 |
| BIO 459 | Human Parasitology Laboratory ¹ | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 16 |

| Spring | | |
|---|--|------------|
| BIO 425 | Medical Bacteriology ¹ | 2 |
| BIO 435 | Medical Bacteriology Laboratory ¹ | 2 |
| CHE 456 | Clinical Chemistry ¹ | 3 |
| CLS 401 | Overview: Virology/Mycology ¹ | 2 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 12 |
| Total Hours | | 121 |

- ¹ • These are pre-clinical courses from which grade point averages are calculated to determine clinical placement eligibility. They must have been taken within the last five years in the United States. Exceptions may be granted by the Program Coordinator.

Phlebotomy experience (CLS 302 Clinical Practice Lab) is required by many of the affiliated labs for clinical internships in medical technology. Each medical technology student is required to consult with an advisor regarding this elective.

California state licensure for medical technology requires that three (3) units is physics, including light and electricity, be completed prior to issuing the clinical trainee license. Each medical technology student is required to consult with an advisor regarding this state regulation.

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| CHE 316 | Survey of Organic Chemistry | 3 |
| CHE 317 | Survey of Organic Chemistry Laboratory | 1 |
| CLS 301 | Intro Clin Lab Proced Lec ¹ | 2 |
| BIO 324 | Microbiology with Clinical Applications | 3 |
| BIO 325 | Microbiology with Clinical Applications Laboratory | 1 |
| CHE 230 | Quantitative Analysis ¹ | 4 |
| Hours | | 14 |
| Spring | | |
| CLS 304 | Introduction to Urinalysis and Body Fluids ¹ | 3 |
| CLS 306 | Clin Immun & Immunochem ¹ | 4 |
| CLS 308 | Pathophys for Hlth Professions ¹ | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| CLS 307 | Clinical Hematology ¹ | 4 |
| CHE 450 | Biochemistry I ¹ | 4 |
| CHE 451 | Biochemistry I Lab ¹ | 1 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Spring | | |
| BIO 425 | Medical Bacteriology ¹ | 2 |
| BIO 435 | Medical Bacteriology Laboratory ¹ | 2 |
| CHE 456 | Clinical Chemistry ¹ | 3 |
| BIO 458 | Human Parasitology ¹ | 3 |
| BIO 459 | Human Parasitology Laboratory ¹ | 1 |
| CLS 401 | Overview: Virology/Mycology ¹ | 2 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 16 |
| Total Hours | | 60 |

- ¹ • These are pre-clinical courses from which grade point averages are calculated to determine clinical placement eligibility. All pre-clinical courses must have been taken within the last five years in the United States. Exceptions may be granted by the Program Coordinator.

Phlebotomy experience (CLS 302 Clinical Practice Lab) is required by many of the affiliated labs for clinical internships in medical technology. Each medical technology student is required to consult with an advisor regarding this elective.

California state licensure for medical technology requires that three (3) units is physics, including light and electricity, be completed prior to issuing the clinical trainee license. Each medical technology student is required to consult with an advisor regarding this state regulation.

Communications

College of Arts and Humanities
Communications Department

Program Description and Features

Students dedicated to building professional careers in print and digital media, film, television, and the closely related fields of public relations and advertising, as well as those interested in preparing for post-baccalaureate programs, will find degree programs designed by the Communications Department to meet their needs and to develop their skills and interests. The Department offers the Advertising and Public Relations B.A. program, the Film, Television, and Media B.A. program, the Journalism B.A. program, the Advertising Minor, and the Communications Minor. The curriculum provides a broad understanding of communications media within a liberal arts framework.

Advertising and Public Relations B.A.

The Bachelor of Arts in Advertising and Public Relations degree program is designed to help students develop an in-depth understanding of the role and impact of advertising and public relations in both for-profit and nonprofit organizations. The program focuses on preparing students to become logical and innovative advertising and public relations professionals who also examine the ethical and cultural values in their practice. The curriculum is designed to emphasize professional skills, analytic abilities, and critical approaches in dealing with advertising and public relations issues. Students will polish creative ideas and gain a variety of professional skills, including creating advertising and public relations messages; planning advertising and public relations media; organizing integrated communication plans, and developing sponsorships and promotional strategies.

Film, Television, and Media B.A.

The Bachelor of Arts in Film, Television and Media degree program integrates critical thinking and critical making. By approaching both traditional and emerging media as creative storytelling and grounding students in the knowledge of the history, politics, forms and industry structures of media stories, students learn to adapt to a constantly changing media landscape and how they can make a positive impact on society using their creative voices. Students take courses on storytelling in and across media forms. In writing about media stories, students develop skills in analyzing and interpreting media stories. Building on

those skills, students will also learn how to tell new stories as well as identify potential audiences and venues for those stories.

Journalism B.A.

The Bachelor of Arts in Journalism degree program is dedicated to high standards in journalistic practices, skills, and specializations with a strong focus on analytical reasoning, critical thinking, and problem-solving. Through innovative teaching practices, the program provides a broad-based curriculum designed to promote news and information literacy; proficiency in the various journalistic forms and styles; an understanding of the new media landscape; and information dissemination practices through contemporary and emerging media tools. The program is committed to freedom of the press, freedom of expression, freedom of inquiry, and the questioning of dominant institutional practices and ideologies. It encourages dedication to ethical practices including truth, accuracy, fairness, diversity, inclusivity, and independence.

Advertising Minor

The department offers an Interdisciplinary Minor in Advertising, in conjunction with the College of Business Administration and Public Policy and the Art and Design Department, combining courses in advertising, marketing and graphic design. The Advertising Minor provides an overview of both the business and creative sides of the advertising field.

Communications Minor

For the Minor in Communications, students take two lower-division courses and then choose two upper-division courses from the Advertising and Public Relations, Film, Television, and Media and Journalism programs based on their interests.

Preparation

High school students are encouraged to take college preparatory English courses. Students planning to transfer from community college should consult with their counselor or advisor to identify appropriate transferable lower-division courses.

Student Organizations

The Communications Department has sponsored a chapter of the Public Relations Student Society of America (PRSSA) since 1979. The chapter's mission is:

1. to serve its student members by enhancing their knowledge of public relations and providing access to professional development opportunities; and
2. to serve the public relations profession by helping to develop highly qualified, well-prepared professionals.

PRSSA cultivates a favorable and mutually advantageous relationship between student members and professional public relations practitioners. The CSUDH Chapter is highly active, holding monthly meetings and sponsoring various on- and off-campus social and professional activities.

The Department also sponsors the Society of Independent Student Journalists (SISJ) student organization. Its mission is:

1. to offer educational and professional support for student journalists;
2. to reinforce and strengthen the guiding principles of independent journalists;
3. to give student journalists the opportunity to network with industry professionals and instructors; and
4. to ensure all interested students are proficient in the principles and practices of journalism professionals.

Undergraduate Programs

Majors

- Advertising and Public Relations, Bachelor of Arts (p. 354)
- Film, Television, and Media, Bachelor of Arts (p. 565)
- Journalism, Bachelor of Arts (p. 625)

Minors

- Advertising, Minor (p. 478)
- Communications, Minor (p. 478)

Faculty

Brant Burkey, Department Chair, Ana de la Serna, Advertising and Public Relations Coordinator, Ryan Bowles Eagle Film, Television and Media Coordinator, Nancy Cheever, Journalism Coordinator

Virginia (Toddy) Eames, Miriam Hernández, Larry Hygh Jr., Sharon Sharp, John Vanderhoef

Department Office: LIB 5324, (310) 243-3313

Courses

COM 100. Media & Society. (3 Units)

A critical overview of media culture including newspapers, magazines, film, radio, television, popular music, advertising, public relations, and the Internet. Focuses on building critical media literacy skills by developing a concrete understanding of media history, media analysis, the structure of media industries and their major players and products.

Offered Fall, Spring, All terms

COM 105. Introduction to Media Criticism. (3 Units)

Develops the analytical tools required for critical understanding of media culture. Investigates relationships between institutions, texts, audience practices and technologies in order to build a foundation for informed media engagement, criticism and analysis in the 21st century.

Offered Fall

COM 106. Digital Toolkit. (2 Units)

Co-requisite: COM 107 is required. Introduction to the foundational and emerging tools, platforms, and digital skills essential for students interested in pursuing careers in any communications or related field, including word processing, data management, presentational, media content creation, web publishing and design/editing software and programs.

Offered Fall, Spring

COM 107. Digital Toolkit Lab. (1 Units)

Co-requisite: COM 106 is required. Provides practice in the foundational and emerging tools, platforms, and digital skills essential for students interested in pursuing careers in any communications or related field, including word processing, data management, presentational, media content creation, web publishing, and design/editing software and programs.

Offered Fall, Spring

COM 110. Introduction to Digital Media Production. (2 Units)

Co-requisite: COM 111 is required. An introduction to the process of digital video production that provides basic skills in all areas of digital video production in preparation for a career in any communications or related field that might require these basic skills. Skill sets include camera, lighting, sound, pre-production and production methodologies, and basic digital processes.

Offered Fall, Spring

COM 111. Introduction to Digital Media Production Laboratory. (1 Units)

Co-requisite: COM 110 is required. Provides instruction on basic skills in all areas of digital video production. The lab provides hands-on training in the use of camera operations, lighting, sound recording, pre-production, production and post-production methodologies, and basic digital processes.

Offered Fall, Spring

COM 130. Introduction to Film. (3 Units)

An introduction to the study of film as an aesthetic, historical, and cultural phenomenon, and to various methods of critical analysis.

Offered Fall, Spring

COM 200. Genre Analysis. (3 Units)

Prerequisites: COM 100 or COM 105 is required. Critical study of a specific genre of media (horror, science fiction, western, or documentary for example). Examines genres in their cultural and historical context and critical analysis writing using appropriate concepts and terminology.

Offered All terms, Fall, Spring

COM 206. Photojournalism. (3 Units)

Instruction in the basic principles of still photography.

Offered Infrequent, All terms

COM 250. Writing for the Media. (3 Units)

Instruction and practice in the basics of reporting and writing news for print, electronic and digital media.

Offered Fall, Spring, Summer, All terms

COM 251. Newswriting in Spanish. (3 Units)

Prerequisites: SPA 220 and SPA 221; or SPA 280 are required. Instruction and practice of the basics of reporting in Spanish language for traditional and new media. Students will gain the ability to conduct research, find sources and produce news in Spanish.

Offered Fall, Spring, Summer

COM 301. News and Information Literacy. (3 Units)

Develop critical thinking and literacy skills through examination of news and other constructed messages. Emphasis on analyzing and evaluating information sources and their narratives, structures, origins, placement and availability.

Offered Fall, Spring

COM 302. Law Of The Mass Media. (3 Units)

Libel law, right to privacy, contempt of court, copyright, the right to print news of public affairs, the Freedom of Information Act, and other legal topics of concern to the media professional.

Offered Fall, Spring

COM 307. History of Film. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of film from the 1890s to the present. Covers a range of cinematic traditions from narrative to experimental. Examines the interrelationships between cinematic forms, industry, regulation, technology, aesthetics, and culture.

Offered Spring

COM 308. Television History. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of American television, from the 1940s to the present. Examines the interrelationships between programming forms, industry, regulation, technology, aesthetics, and culture.

Offered Fall

COM 309. History of Emerging Media. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of new and emerging media forms from 1830s to the present. Examines a range of media technologies as sites of contestation and negotiation before their use by audiences had been institutionalized within industry and culture.

Offered Fall, Spring

COM 311. Persuasion. (3 Units)

Prerequisite: COM 100 is required. Provides students with an in-depth understanding of persuasion conceptions, theories, and practices. Students analyze findings and implications of persuasion research to real-world cases.

Offered Infrequent

COM 314. Broadcast Journalism. (2 Units)

Prerequisite: COM 250 is required. Co-requisite: COM 315 is required. Provide students with accurate news judgement and the fundamental journalistic techniques of news gathering, reporting, writing, editing, evaluating, and producing news and feature stories for radio and television news broadcasts.

Offered Fall

COM 315. Broadcast Journalism Lab. (1 Units)

Prerequisite: COM 250 is required. Co-requisite: COM 314 is required. Provide students with accurate news judgement and the fundamental journalistic techniques of news gathering, reporting, writing, editing, evaluating, and producing news and feature stories for radio and television news broadcasts.

Offered Fall

COM 320. Sports Journalism. (3 Units)

Prerequisite: COM 250 is required. Provides instruction and practice in reporting stories and producing multimedia news packages on a variety of sports topics including game coverage, interviewing, and reporting on both professional and amateur sports activities for print, broadcast, and online media.

Offered Fall

COM 328. Entertainment and Lifestyle Journalism. (3 Units)

Prerequisites: COM 250 is required. Theory and practices of journalistic writing about television, film, music, visual arts, travel destinations, dining and other cultural phenomena across media platforms.

Offered Spring

COM 330. Emerging Media Writing. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 106 are required. Course focuses on writing interactive stories for emerging media. Students develop skills in generating concepts, story structure, character development, incorporating interactivity and pitching. Students conduct both collaborative and individual projects and develop skills for peer critique of creative work.

Offered Spring

COM 331. Screenwriting I. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Serves as an introduction to the craft of screenwriting, with primary focus on equipping students with the skills to write scenes and short format screenplays and to analyze and evaluate feature films and screenplays.
Offered Fall, Spring

COM 332. Writing for Series Television. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Students break down the TV-writing process then apply each step to the development of their own original script. Students will learn the basic theory and formal aspects of story structure, character development, the use of conflict, scene writing and dialogue for television.
Offered Fall

COM 333. Digital Journalism. (2 Units)

Prerequisites: COM 110 and COM 250 are required. Co-requisites: COM 334 is required. Provides students with skills needed to gather news, analyze and produce a variety of stories for digital media across platforms and digital publishing tools, including social media, podcasts, blogs, videos, and websites, as well as to understand the nature of the emerging field of convergent journalism.
Offered Fall, Spring

COM 334. Digital Journalism Laboratory. (1 Units)

Prerequisites: COM 110 and COM 250 are required. Co-requisite: COM 333 is required. Provides skills needed to gather, analyze and produce a variety of stories for digital media, across platforms and digital publishing tools, including social media, podcasts, blogs, videos, and websites, and understand the emerging field of convergent journalism.
Offered Spring

COM 338. Cross-Cultural Journalism. (3 Units)

Prerequisite: COM 250 is required. Provides a broad, critical examination of differences in global news culture, policies and styles, including Spanish-language, alternative, ethnic-focused, and political-driven media, and other cultural print and broadcast organizations. Topics vary by semester.
Offered Fall, Spring

COM 339. Latinx culture and the news media in the USA. (3 Units)

This course offers an overview of contemporary Latinx news media in the U.S. For a deeper understanding of the topics reported in the LatinX new media, students will learn about the countries that comprise Latin America. This includes Latin American history and culture. The course will highlight current events in Latin America and how they connect with Latinx communities in the U.S.

COM 340. Emerging Media Making. (2 Units)

Prerequisites: COM 100 or COM 105; and COM 106/107 are required. Co-requisite: COM 341 is required. Students utilize digital software to produce original new media projects, including memes, pixel art, music, interactive fiction and/or digital games. Students conduct both collaborative and individual projects and develop skills for peer critique of creative work.
Offered Infrequent

COM 341. Emerging Media Making Lab. (1 Units)

Prerequisites: COM 100 or COM 105; and COM 106/17 are required. Corequisite: COM 340 is required. Lab activity works in conjunction with COM 340: Emerging Media Making to give students hands-on time with production software under instructor supervision.
Offered Infrequent

COM 342. Advertising Strategy and Copywriting. (3 Units)

Planning, creating and preparing demographically and psychographically targeted advertisements for print, electronic, interactive, and out-of-home media. Students will write copy for commercial and not-for-profit advertising campaigns. Restricted to majors
Offered Fall, Spring

COM 344. Advertising Media Analysis. (3 Units)

Analysis of the comparative advantages (cost and market impact) of various advertising media as a basis for time and space buying within the context of the creative advertising campaign with an emphasis on campaign planning and implementation.
Offered Fall, Spring

COM 346. News Gathering & Reporting. (3 Units)

Prerequisites: COM 250. Theory and practice of information gathering for print and electronic media writing, including the art of interviewing. Identification, assessing and verifying published, computerized data base and live sources. Special emphasis on interview problems such as invalid inference and supposition.
Offered Fall, Spring

COM 347. Multimedia Interviewing Practices. (3 Units)

Prerequisites: COM 100, COM 110 and COM 250 are required. An introduction to the fundamentals of gathering information through interview techniques, active listening, nonverbal communication, and psychological dynamics of interviewing in journalistic situations. Emphasis on accurate note taking, transcribing, and narrative structure from interviewing for print, online, and broadcast media.
Offered Fall, Spring

COM 348. News Editing And Design. (3 Units)

Prerequisites: COM 250. Principles, practice in copy editing, including review of grammar, spelling, punctuation, word use, organization, word flow, sentences, information verification, application of appropriate story forms; writing headlines, photo cropping and sizing, computer desktop page design and editorial judgment. One hour lecture, two hours activity per week.
Offered Infrequent

COM 350. Culture, Gender and Strategic Communication. (3 Units)

Prerequisite: COM 100 is required. Improve the understanding of cultural differences and assumptions regarding gender in the context of strategic communication. An overview of major communication theories, strategies, methods, and practices in advertising and public relations campaigns will be covered. Develop advertising skills and public relations messages based on cultural aspects in strategic communication.
Offered All terms, Fall, Spring

COM 352. Feature And Critical Writing. (3 Units)

Prerequisites: COM 250. Analysis and practice of preparing feature stories and critical reviews for newspapers, magazines, radio, television and video. Assignments include profiles, how-to pieces and news features. Critical reviews focus on theatre, film, music, fine arts and books. Two hours lecture, two hours activity per week.
Offered Fall, All terms

COM 355. News Production Workshop. (3 Units)

Prerequisites: COM 250 is required, COM 346 is recommended. Production of print and electronic forms of campus newspaper. Practices include original story selection, writing, reporting, interviewing, and editing. Repeatable course. Two hours lecture, three hours activity per week.
Offered Fall, Spring

COM 358. Communications Graphics. (3 Units)

Prerequisites: COM 250. Learning methods for producing various forms of visual communications including fliers, informational graphics and logos, newsletters, magazines and newspapers in correlation with desktop publishing, page design, typography selection, copy fitting photo sizing and cropping. Two hours lecture, two hours activity per week.
Offered Infrequent

COM 360. Pub Affairs & Edit. Writing. (3 Units)

Prerequisites: COM 250 and COM 346. Reporting, writing and editorial interpretation of public affairs events and issues, including on-site coverage of local governments, civic affairs, schools, police and courts. Utilization of public documents, enhancement of interviewing techniques, with emphasis on accuracy, clarity and social responsibility. Two hours lecture and two hours activity per week.
Offered Infrequent

COM 363. Social Media Strategies. (3 Units)

Prerequisites: COM 250 and COM 365 are required. Provides an overview of various social media techniques and the strategies to help organizations engage in dialogue and build relationships effectively with different audiences and stakeholders.
Offered Spring

COM 365. Introduction to Public Relations. (3 Units)

Public relations practices and principles as applied to government, education and industry.
Offered Fall, Spring

COM 366. Public Relations Writing. (2 Units)

Prerequisites: COM 250 and COM 365. Co-requisite: COM 367 is required. Public relations writing; message and audience analysis. Creating effective forms of public relations communications, producing print and video press releases, public service announcements, media fact sheets and alerts, executive letters, press kits and brochures and newsletter copy. Two hours lecture, two hours activity per week.
Offered Fall, Spring

COM 367. Public Relations Writing Lab. (1 Units)

Prerequisites: COM 250 and COM 365 are required. Co-requisite: COM 366 is required. Public Relations writing laboratory course that covers the creation of effective forms of public relations communications; the production of print and video press releases, public service announcements, media fact sheet ans alerts, executive letters, press kits and brochures, and newsletter copy.
Offered Fall, Spring

COM 368. Investigative Reporting. (3 Units)

Prerequisite: COM 250 is required. Prepares students to conduct in-depth reporting by examining the motivation, process, and skills behind investigative journalism, including obtaining and analyzing public records, private documents and data on social, political, and scientific issues for print, broadcast or online media.
Offered Fall

COM 370. Creative Producing I. (3 Units)

Prerequisites: COM 100 or 105, COM 379, and COM 330, COM 331 or COM 332 are required. Builds on students' understanding of storytelling and the industry to provide an introduction to script development and writing coverage. Students study the basics of packaging films for Hollywood and how to navigate the business of both studio production and independent film-making.
Offered Fall, Spring

COM 372. Crisis Communication. (3 Units)

Prerequisites: COM 250 and COM 365 are required. An introduction to crisis communication theory and application. The course will cover crisis communication theory, crisis management strategies and various case studies.
Offered All terms, Fall

COM 375. Media and Representation. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Critical study of US media representations of race, gender, class, sexuality, and other markers of difference. Considers the complex social, historical, and industrial forces shaping media portrayals of identities, groups, and cultures.
Offered Fall, Spring

COM 376. Transmedia Storytelling. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 379 are required. Provides an overview of the transmedia landscape and developing skills necessary for writing stories intended for use across multiple platforms. Topics include how stories are developed for cross media consumption from story ideation to production and distribution.
Offered Fall

COM 377. Global Media. (3 Units)

Prerequisites: COM 100 or COM 105; and COM 379 are required. Critical study of media outside of the US; may focus on a transnational, national, regional, or local media tradition or industry. Considers how global media relates to history, culture, and identity. Focuses on critical analysis writing using appropriate concepts and terminology.
Offered Spring

COM 378. Media Audiences. (3 Units)

Prerequisite: Prerequisites: COM 100 or COM 105 is required. Critical study of a specific media audience (comic book fans, social media users, telenova viewers, for example). Examines audiences in cultural and historical context, considering the range of ways in which audiences make meaning from and engage with media texts.
Offered Fall

COM 379. Media Industries. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Analyzes contemporary media industries offering a comprehensive overview of how the industries work, their historical roots in relation to how they operate today, and their cultural influence. Examines how the relationships between various cultural, industrial, regulatory, and economic elements set the conditions by which media industries create cultural texts.
Offered Fall, Spring

COM 388. Digital Magazine Production. (1 Units)

Prerequisites: COM 250, COM 347 and COM 352 are required. Co-requisite: COM 389 is required. This course is designed to build skills in advanced feature storytelling through the production of a digital magazine for distribution across digital platforms. From conception to production, feature story packages and will be developed with a strong focus on research, writing, editing, photography, creating videos and podcasts, and design.
Offered Spring

COM 389. Digital Magazine Production Laboratory. (2 Units)

Perquisites: COM 250 and COM 352 are required. Co-requisite: COM 388 is required. This course is designed to build skills in advanced feature storytelling through the production of a digital magazine for distribution across digital platforms. From conception to production, feature story packages and will be developed with a strong focus on research, writing, editing, photography, creating videos and podcasts, and design.
Offered Spring

COM 390. Hollywood by the Horns. (3 Units)

Prerequisites: COM 100 or COM 105; and COM 379 are required.
Workshop that contributes to the mission of the Hollywood by the Horns program: to build up and maintain the relationship between working professionals in Hollywood and the dynamic students of CSU Dominguez Hills. Requires department consent.
Offered Fall

COM 400. Media Analysis and Research Methods. (3 Units)

Prerequisites: COM 100 and COM 250. Critical analyses of the media and their role in society from an empirical research perspective. Emphasis on social science-based research methods including focus groups, in-depth interviews, correlational studies and experiments, and research report preparation.

Offered Fall, Spring

COM 420. Screenwriting II. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 331 are required. Advancing the process of screenwriting, students develop original work culminating in the completion of the first act of a feature length screenplay. Final projects can be developed into a senior project for COM 490.

Offered Infrequent

COM 435. Media Psychology. (3 Units)

Prerequisite: COM 100 is required. Course is designed to acquaint students with the burgeoning field of media psychology, which examines the intersection of media use/media content and psychological processes. In this course, students will learn how mass media messages, images, and texts can alter our thoughts, feelings, and behaviors, and how media and technology use may lead to or exacerbate psychological disorders.

Offered Spring

COM 467. Integrated Communications Management. (3 Units)

Prerequisites: COM 250, COM 365 and COM 366 are required. Analysis and development of strategies for planning/implementing integrated communications campaigns and preventing/solving integrated communications problems. Emphasis is placed on both individual and team case studies, incorporating strategic planning and writing techniques previously learned.

Offered Fall, Spring

COM 470. Creative Producing II. (3 Units)

Prerequisites: COM 100 or COM 105, COM 370, and COM 330, COM 331, or COM 332 are required. Develops students' knowledge of producing scripted entertainment from development through distribution. Students will complete advanced work in screenplay development and the multiple pathways to producing.

Offered Infrequent

COM 490. Senior Project. (3 Units)

Prerequisite: Consent of department; senior standing. Discussion and preparation of senior project and professional portfolio.

Offered Fall, Spring

COM 494. Independent Study. (1-3 Units)

Independent study in any relevant subject area under the direction of a member of the Communications Department faculty. Course repeatable 3 times for a maximum of 9 units.

Offered Fall, Spring

COM 495. Special Topics. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Restricted to seniors or by consent of department. An intensive study of an issue or concept in journalism, advertising, public relations, film, television or emerging media that is of special interest to both the faculty member and the students.
Repeatable for credit
Offered As needed

COM 496. Internship In Communications. (3 Units)

Prerequisites: Senior standing and/or approval of the department is required; completion of a minimum of 27 upper division units in the major is recommended. Directed work experience in the communications field-print or electronic journalism, public relations or advertising, film, broadcasting, or telecommunications. Ideally, such work provides a practical bridge linking the student's academic studies with the world of work. A minimum of 10 hours a week of supervised work experience under the direction of a professionally-qualified mentor.

Offered Fall, Spring

Advertising, Minor Requirements

The academic standards of the department require that all Advertising minors pass all required and prerequisite courses with grades of "C" or better.

Required Courses

| Code | Title | Hours |
|--------------------|--------------------------------------|-----------|
| COM 342 | Advertising Strategy and Copywriting | 3 |
| COM 344 | Advertising Media Analysis | 3 |
| DGN 310 | Graphic Design 1 | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| MKT 352 | Advertising and Promotion MGT. | 3 |
| MKT 355 | Consumer Behavior | 3 |
| Total Hours | | 18 |

Communications, Minor Requirements

| Code | Title | Hours |
|---|-----------------------|-----------|
| Lower Division Required Courses | | |
| COM 100 | Media & Society | 3 |
| COM 250 | Newswriting For Media | 3 |
| Upper Division Required Courses | | |
| Select two upper division Communications elective courses | | 6 |
| Total Hours | | 12 |

Program Learning Outcomes

Computer Science

College of Natural and Behavioral and Sciences
Department of Computer Science

Program Description

The modern electronic digital computer has become the indispensable tool of government, commerce, and technology because of its enormous appetite for data and its near-instantaneous processing speed. Computer

Science is the discipline of designing methods for solving problems by means of such computers. The subject involves a surprising amalgam of logic, mathematics, engineering, electronics, communications, and ergonomics.

The curriculum is designed to provide preparation for professional careers in the areas of software design and applied computer science, as well as to give the necessary theoretical background for graduate study in the field and to allow a flexible response to a dynamic and growing profession. The required courses give students a firm foundation in the basic areas of computer science and related areas of mathematics, and a wide choice of electives allows them to tailor their program to their specific interests.

The baccalaureate program (Bachelor of Science in Computer Science) is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>). The programs accredited by ABET are accredited as separate and distinct from any other programs or kinds of accreditation.

Features

The University's location in the South Bay area of greater Los Angeles provides direct access to many major government contractors, manufacturers, and international centers of commerce and finance. This provides excellent opportunities for work-study and early job placement.

Our highly qualified full-time faculty are supplemented by talented and dedicated part-time faculty drawn from local firms and schools. Good teaching and easy on-campus access to professional quality computing systems enhance a degree program with a solid core curriculum and a broad range of electives.

All courses are offered alternatively day and evening so that students may complete their programs by enrolling at either time exclusively.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Computer Science provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills at least 24 of which taken in Computer Science major;
2. A minimum GPA of 3.5 in all upper-division courses in the Computer Science major completed in residence at CSUDH.

Students who achieve Honors in Computer Science will have the information recorded on their transcripts and diplomas.

Academic Advisement

Faculty guidance in the development of career goals and program planning to achieve those goals is available to all majors.

Preparation

Students entering the computer science program should have completed high school mathematics through trigonometry. Remediation is available but will delay the student's progress toward a Computer Science Degree.

This is a demanding program that places a premium on the student's initiative and effort.

Student Organizations

Contact the departmental office for membership information, or visit the websites:

Association for Computing Machinery (ACM) ACM@csudh.edu
 Institute of Electrical and Electronics Engineers (IEEE) IEEE@csudh.edu
 Cyber Security CyberSec@csudh.edu
 Computing Alliance of Hispanic-Serving Institutions (CAHSI) CAHSI@csudh.edu

Career Possibilities

Entry-level positions in the areas of systems analysis, systems programming, applications programming, data engineering, data communications, and software engineering provide typical career opportunities for computer science graduates. Such positions are available in a wide variety of software vendors, aerospace and defense-related industries, manufacturing, and commercial firms, and government and other public agencies. Many graduates have also gone on to graduate school. Job opportunities for computer science graduates continue to be excellent because of the continued long-term growth of the computer industry.

Undergraduate Programs

Bachelor

- Computer Science, Bachelor of Science (p. 483)

Minor

- Computer Science, Minor (p. 489)

Certificate

- Computer Science, Certificate (p. 485)

Graduate Programs

Master

- Computer Science, Master of Science (p. 486)
- Cyber Security, Master of Science (p. 514)

Faculty

Mohsen Beheshti, Department Chair
 Jianchao (Jack) Han, Marek Suchenek, Bin Tang, Amlan Chatterjee,
 Liudong Zuo, Allireza Izaddoost, Brad Hollister, Khondaker Salehin, Ali (Ashkan) Jalooli, Sanaz Rahimi Moosavi, Sahar Hooshmand

Emeriti Faculty

William B. Jones, Kazimierz Kowalski

Staff

Violeta Diaz, Administrative Assistant
 Ken Leyba, IT Consultant
 Department Office: NSM A-132, (310) 243-3398
<https://www.csudh.edu/csc/>

Courses

CSC 101. Intro to Computer Education. (3 Units)

A computer literacy course designed to familiarize the learner with a variety of computer tools and computer concepts with emphasis on utilizing packaged programs. This course provides an introduction to the use of computers, common software programs and peripherals. Students are instructed in the use of a word processor, drawing programs, spreadsheet, database, presentation tools, internet applications and statistical package in scientific applications.
Offered Fall, Spring

CSC 111. Introduction to Computers and Basic Programming. (3 Units)

Introduction to computer programming with particular emphasis on small systems through programming in the BASIC language.
Offered Fall, Spring

CSC 112. Intro Computers And Basic. (20 Units)

Offered All terms

CSC 115. Introduction to Programming Concepts. (3 Units)

Introduces students to computer programming by teaching techniques of problem solving. Students will become acquainted with decision constructs, looping structures, and subroutine modules. Students will learn the vocabulary of object-oriented programming.
Offered Fall, Spring

CSC 116. Introduction to Computer Hardware and Tools. (3 Units)

Introduction to microcomputer hardware and operating systems. Students will be required to use application software to research, generate and prepare a semester project.
Offered Fall, Spring

CSC 121. Introduction to Computer Science and Programming I. (4 Units)

Prerequisite: CSC 115 or equivalent and MAT 153 or consent of instructor. Organization of sequential, digital machine: CPU, I/O, storage, communications devices. Functions of operating systems: translators, editors, peripheral control utilities. The course covers the development, description, and analysis of elementary algorithms. It includes three hours of lecture and two hours of activity per week.
Offered Fall, Spring

CSC 123. Introduction to Computer Science and Programming II. (4 Units)

Prerequisites: CSC 121. Continuation of CSC 121. Fundamental programming concepts using arrays, records, pointers, linked list, trees and recursion. Good style, documentation and structure will be emphasized. Introduction to analysis of algorithms for efficiency and correctness.
Offered Fall, Spring, Summer

CSC 195. Selected Topics in Computer Science. (1-4 Units)

Prerequisite: Consent of Instructor. Content varies. Topics in computer science not covered by current course offerings.
Offered As needed

CSC 221. Assembly Language and Introduction to Computer Organization. (3 Units)

Prerequisite: CSC 121. Programming problems in assembly language. Writing and using macros. Features of modern computer hardware and operating systems.
Offered Fall, Spring

CSC 251. C Language Programming and Unix. (3 Units)

Prerequisite: CSC 121. Introduction to programming in the C language and its use in systems programming in the UNIX operating system.
Offered Fall, Spring

CSC 255. Dynamic Web Programming. (3 Units)

The goal of the course is to provide instruction to the design and implementation of dynamic web applications. Topics include origins of Internet, TCP/IP basics, Standard Generalized Markup Language SGML, XML and XSL languages, client-side and server-side languages: Perl and PHP; interactivity in website design, front-end interface to databases, website access control, confidentiality, integrity, accessibility and their applicability in developing dynamic and distributed client/server web applications.
Offered All terms, Fall, Spring

CSC 281. Discrete Structures. (3 Units)

This course introduces fundamental structures and logical principles that form the foundation of computer science. Topics will be introduced with emphasis on applications in computer science. Students will be required to write programs to deepen their understanding about the topics.
Offered Fall, Spring

CSC 295. Sel. Topics in Computer Sci. (1-4 Units)

Prerequisite: Consent of Instructor. Content varies. Topics in computer science not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered As needed

CSC 300. Software Development. (3 Units)

Prerequisites: CSC 123 is required. This is an advanced Java programming course. Students are expected to have a much deeper understanding about major aspects of Java and OOP, and significantly enhance their programming and problem-solving ability. Several data structure and algorithms will be introduced.
Offered Fall, Spring

CSC 301. Computers And Society. (3 Units)

Prerequisites: CSC 101 or CSC 111 or CSC 115 or CSC 121 or CSC 272 or consent of instructor. Ethical, legal, psychological, economic, and theoretical implications and limitations of the uses of digital computers. Oral and written presentations required.
Offered Fall, Spring

CSC 311. Data Structures. (3 Units)

Prerequisites: CSC 123 and CSC 281 or MAT 281. More advanced and detailed treatment of concepts of data organization introduced in CSC 123. Includes lists, trees, graphs and storage allocation and collection. Applications to such areas as symbol tables, string search and optimization.
Offered Fall, Spring, Summer

CSC 321. Programming Languages. (3 Units)

Prerequisite: CSC 123. A comparative study of programming languages. Characteristics of languages and formal description of languages. Assignments in several languages.
Offered Fall, Spring

CSC 331. Computer Organization. (3 Units)

Prerequisites: CSC 221 and MAT 281. Structure of the modern digital computer. Introduction to Boolean algebra and design of digital circuits. Arithmetic, control, storage and input/output systems.
Offered Fall, Spring, Summer

CSC 337. Microcomputers. (3 Units)

Prerequisite: CSC 221, CSC 331, and MAT 281. The architecture, programming and interfacing of microcomputers. Topics include input/output, instruction sets, subroutines, interrupts and control. In-class use of microcomputer hardware. Repeatable course. Two hours of lecture and three hours of laboratory per week.
Offered Infrequent

CSC 341. Operating Systems. (3 Units)

Prerequisites: CSC 311, CSC 331, and MAT 321. Overall structure of batch and time-shared operating systems. Scheduling of jobs, CPU and I/O devices. Paged and segmented memory management. I/O programming and file handling. Synchronization of concurrent processes.
Offered Fall, Spring

CSC 353. File Processing. (3 Units)

Prerequisite: CSC 123 and CSC 251 are required; CSC 311 is recommended. Characteristics of secondary storage media. Logical vs. physical organization. Sequential, direct, and indexed access methods. Tree structure of indices; hashing.
Offered Infrequent

CSC 361. Systems Programming. (3 Units)

Prerequisite: CSC 311, CSC 331, and CSC 341. Design and construction of systems programs such as assemblers, macro processors and linking loaders. Introduction to software engineering.
Offered As needed

CSC 371. Finite Automata. (3 Units)

Prerequisite(s): CSC 311 is required. Introduces the formal foundations of computer science, the limits of computation, and the limits of efficient computation. The goal is to provide computer science students with a broad understanding of various models of computation and their power.
Offered Fall, Spring, Summer

CSC 395. Sel Topics in Computer Science. (1-4 Units)

Prerequisite: Consent of Instructor and upper division standing in major. Content varies. Advanced topics in computer science not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered As needed

CSC 401. Analysis Of Algorithms. (3 Units)

Prerequisite: CSC 311. Mathematical study of non-numeric computer algorithms. Topics include combinatorial techniques, algorithm proof, and program complexity.
Offered Fall, Spring

CSC 411. Artificial Intelligence. (3 Units)

Prerequisites: CSC 311 and CSC 321. Introduction to the use of computers to simulate intelligent behavior; includes game playing, problem solving, use of natural languages and pattern recognition.
Offered Fall

CSC 421. Advanced Programming Languages. (3 Units)

Prerequisites: CSC CORE. Continuation of CSC 321. Methods of formal specification of syntax and semantics of programming languages and special purpose language features for such areas as simulation and systems programming.
Offered Infrequent

CSC 431. Advanced Computer Organization. (3 Units)

Prerequisites: CSC 221, CSC 331, CSC 341, MAT 271, and MAT 281. Alternate computer architectures and features of large scale systems. Microprogramming, parallel processing, memory organization, input/output systems, interprocessor communications and multiprocessing.
Offered Infrequent

CSC 441. Advanced Operating Systems. (3 Units)

Prerequisite: CSC CORE. Theoretical study of important topics in operating system design. Substantial individual and group programming projects.
Offered Infrequent

CSC 451. Computer Networks. (3 Units)

Prerequisite: CSC 311 and MAT 281. An introduction to computer networks including both long haul and local area networks. Topics include network topology, network access methodology, transmission media, protocols and applications.
Offered Fall, Spring

CSC 453. Data Management. (3 Units)

Prerequisite: CSC 311. Fundamental concepts in design, analysis and implementation of computerized database systems. Database models, user and program interfaces and database control.
Offered Fall, Spring

CSC 455. WWW Design and Management. (3 Units)

Prerequisites: CSC 251, CSC 311 and CSC 321. An introduction to the design, implementation and management of World Wide Web over the Internet and Intranet networks. Topics include Internet overview, web authoring, web programming, server setting and maintenance.
Offered Infrequent

CSC 459. Security Engineering. (3 Units)

The goal of the course is to provide introduction to the design, implementation and management of systems that remain dependable in the face of malice, error or mischance. Topics include the tools, processes and methods needed to design, implement and test complete systems and to adapt existing systems as their environment evolves. Specifically, it includes cryptography, privacy, hardware tamper resistance, firewalls, intrusion detection and prevention and security policies.
Offered Fall, Spring

CSC 461. Computer Graphics I. (3 Units)

Prerequisite: CSC 311. Fundamental concepts of programming for computer graphics. Graphics devices, languages and algorithms. Substantial graphics programming projects.
Offered Spring

CSC 463. Computer Graphics II. (3 Units)

Prerequisite: CSC 461. Advanced topics in computer graphics. Interactive graphics, animation, color and three dimensional modeling.
Offered Infrequent

CSC 471. Compiler Construction I. (3 Units)

Prerequisites: CSC 221, CSC 311 and MAT 361. Introduction to the theory and practice of compiler construction. Overall structure of compilers. Lexical and syntactic analysis, code generation for block structured languages and code optimization.
Offered Infrequent

CSC 481. Software Engineering. (3 Units)

Prerequisites: CSC 301, CSC 311 and CSC 321. Introduction to software engineering, with emphasis on software design and specification. Oral and written presentations required.
Offered Fall, Spring

CSC 490. Senior Seminar. (3 Units)

Prerequisite: CSC 301, CSC 311 and CSC 321. Intense, structured seminar. Exposure to current areas of research in Computer Science. Students will attend department colloquia; conduct research; present individual and group projects; and, prepare a written proposal for a senior project.
Offered Infrequent

CSC 492. Senior Design. (3 Units)

Prerequisites: CSC 301, CSC 321 and CSC 481. Intensive study under the guidance of a member of the Computer Science faculty which continues and expands the research carried out in Senior Seminar. Students will study system design and total project planning and management. A formal written report and oral presentation are required.

Offered Fall, Spring, Summer

CSC 495. Selected Topics. (3 Units)

Prerequisite: CSC 311 is required. Content varies. Advanced topics in computer science not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.

Offered Fall, Spring

CSC 497. Directed Study In Computer Science. (1-3 Units)

Prerequisite: CSC CORE or consent of instructor. A project in computer science carried out on an independent study basis. Repeatable course.

Offered Infrequent

CSC 498. Directed Research. (1-3 Units)

Offered Infrequent

CSC 500. Research Methods. (3 Units)

Prerequisite: Graduate standing and consent of instructor. Series of lectures given by faculty and visiting computer scientists.

Offered Summer

CSC 501. Design and Analysis of Algorithms. (3 Units)

Prerequisite: CSC 401. Methods for the design of efficient algorithms: divide and conquer, greedy method, dynamic programming, backtracking, branch and bound, problem in string matching, polynomials and matrices, graph theory, NP-problems.

Offered Fall, Spring, Summer

CSC 511. Artificial Intelligence and Expert Systems. (3 Units)

Prerequisite: CSC 411. Introduction to in-depth engineering approach to the field of artificial neural networks. Topics include different types of network architectures and applications, and their properties and behavior.

Offered Fall

CSC 521. Fundamentals and Concepts of Programming Languages. (3 Units)

Prerequisite: CSC 321. Study of the principles that form the basis of programming language design. Research topics in high-level languages including: data abstraction, parameterization, scoping, generics, exception handling, parallelism and concurrency; alternative language designs; imperative, functional, descriptive, object-oriented and data flow; overview of interface with support environments.

Offered Spring

CSC 531. Advanced Computer Architecture. (3 Units)

Prerequisite: CSC 331. Covering new technological developments, including details of multiprocessor systems and specialized machines. The main focus is on the quantitative analysis and cost-performance tradeoffs in instruction-set, pipeline, and memory design. Description of real systems and performance data are also presented. Topics covered: quantitative performance measures, instruction set design, pipeline, vector processing, memory organization, input/output, and an introduction to parallel processing.

Offered Fall even

CSC 541. Advanced Operating Systems. (3 Units)

Prerequisite: CSC 341. Theoretical and practical aspects of operating systems: overview of system software, time-sharing and multiprogramming operating systems, network operating systems and the Internet, virtual memory management, inter-process communication and synchronization, file organization, and case studies. Giving advanced topics and examples, and simulation techniques used in performance evaluation.

Offered Fall

CSC 546. Human Computer Interaction and Interface Design. (3 Units)

Prerequisite: CSC 481. Research-oriented course; in-depth analyses of selected current topics with emphasis on problems related to computer systems, artificial intelligence, and human computer information interaction and interface design.

Offered Spring

CSC 551. Data Communications and Computer Networks. (3 Units)

Prerequisite: CSC 451. Topics related to the development of client-server based application, including two-tiers and multi-tiers Client-Server concepts and programming. Concurrency issues in the design of client and server programs. Trade-off of different architectures and usage of remote procedure calls. Broadcasting and multicasting.

Offered Fall odd

CSC 552. Distributed Computing and Parallel Processing. (3 Units)

Prerequisites: CSC 451, CSC 401. Comprehensive introduction to the field of parallel and distributed computing systems: Algorithms, architectures, networks, systems, theory and applications. The distributed parallel computation models, design and analysis of parallel algorithms will be discussed.

Offered Infrequent

CSC 553. Advanced Database Management Systems. (3 Units)

Prerequisite: CSC 453. Provides an in-depth treatment of one or more advanced topics in the management of information systems. The field of information systems consists of three major components: information systems technology, information systems development and information systems management. Deals with the latter area. Because of the many advances in information technology and the corresponding development techniques, new business opportunities are constantly emerging and with them the need to manage these applications effectively. Explores these new application areas and the management approaches needed to make them successful.

Offered Spring odd

CSC 555. Information Assurance and Network Security. (3 Units)

Prerequisites: CSC 451, CSC 401 and/or consent of instructor. Topics related to communications and IT infrastructures, their vulnerabilities as well as the size and complexity of security threats faced by enterprises, development of security practices, policies, awareness and compliance programs, and legal and regulatory issues will be examined. Fundamental encryption algorithms and systems supported in today's IT and secure communications networks Virtual Private Networks, Tunneling, Secure Socket Layer, SSH, and PGP will also be examined.

Offered Spring even

CSC 561. Advanced Computer Graphics. (3 Units)

Prerequisite: CSC 461. Solid modeling Euler operators, finite element methods. Rendering: filling, shading, ray tracing. Natural modeling: L-systems, fractals. Image processing: filtering anti-aliasing, enhancement. Color: physics, graphics, physiology.

Offered Spring

CSC 564. Numerical Analysis. (3 Units)

Prerequisite: MAT 361. Topics include numerical solution of partial differential equations by finite difference and finite element algorithms. Focus on direct and iterative methods for solving large, sparse linear systems and related eigenvalue and vector problems. Emphasis is placed on robust mathematical software and its interaction with computer hardware and languages.

Offered Infrequent

CSC 565. Theory of Computation. (3 Units)

Prerequisites: CSC 401 and MAT 361. Models of computation, complexity theory, intractable problems, complete problems, recursive function theory, incompleteness, formal theory of program semantics and correctness, logics of programs.

Offered Infrequent

CSC 581. Advanced Software Engineering. (3 Units)

Prerequisite: CSC 481. This course focuses on defining software requirements and provides an overview of advanced analysis and design techniques that can be used to structure applications. Topics of software requirements include interacting with end-users to determine needs and expectations, identifying functional requirements and identifying performance requirements. Analysis techniques include prototyping, modeling and simulation. Design topics include design in the system lifecycle, hardware vs. software trade-offs, subsystem definition and design, abstraction, information hiding, modularity and reuse.

Offered Spring

CSC 582. Object-Oriented Analysis and Design. (3 Units)

Prerequisite: CSC 481. Object-oriented analysis and design is essential in developing high-quality object-oriented systems. Topics will include object-oriented classes, attributes, methods and relations to other classes, objects, classifications and inheritance, encapsulation, polymorphism, object-oriented analysis, design and programming.

Offered Fall

CSC 583. Software Engineering Processes. (3 Units)

Prerequisite: CSC 581. The course focuses on the engineering of complex systems that have a strong software component. Topics include deriving and allocating requirements, system and software architectures, system analysis and design, integration, interface management, configuration management, quality, verification and validation, reliability, and risk.

Offered Fall

CSC 584. Software Project. (3 Units)

Prerequisite: CSC 581. The main topics of this course address the successful management of a software development project. This includes planning, scheduling, tracking, cost and size estimating, risk management, quality engineering, and process improvement. The course is centered on the concept of a software engineering process and includes discussion of life cycle models for software development.

Offered Spring

CSC 585. Advanced Software Quality Assurance. (3 Units)

Prerequisite: CSC 581. The relationship of software testing to quality is examined with an emphasis on testing techniques and the role of testing in the validation of system requirements. Topics include module and unit testing, integration, code inspection, peer reviews, verification and validation, statistical testing methods, preventing and detecting errors, selecting and implementing project metrics and defining test plans and strategies that map to system requirements. Testing principles, formal models of testing, performance monitoring and measurement also are examined.

Offered Fall odd

CSC 590. Master's Project. (3 Units)

Prerequisite: Graduate standing and consent of the graduate adviser. Offered on the letter-grade basis only. The equivalent of three lecture hours a week.

Offered Fall, Spring

CSC 594. Independent Study. (3 Units)

Prerequisites: Graduate standing and consent of instructor. Individual studies in advanced computer science and technology.

Offered Infrequent

CSC 595. Special Topics in Computer Science. (3 Units)

Prerequisite: Graduate standing and consent of instructor. Exposes students to new and emerging concepts and technologies

Offered Infrequent

CSC 597. Directed Reading. (3 Units)

Offered As needed

CSC 599. Master's Thesis. (3 Units)

Prerequisite: Graduate standing and consent of the graduate adviser. Computer research writing of thesis for a master's degree. CR/NC grading.

Offered Fall, Spring

CSC 600. Graduate Continuation Course. (1 Units)

Prerequisite: Signature of graduate program coordinator required. Graduate students, who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion for their degree, may attain continuous enrollment by enrolling in this course.

Offered Fall, Spring

Computer Science, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (76 units)

Students entering the Computer Science program must complete the following.

1. Earn an overall grade point average of 2.0 or better in courses taken outside of the department.

- Earn a grade of "C" or better in each course taken within the department.
- Earn a grade of "C" or better in all direct and indirect prerequisite courses listed in the catalog before advancing to the next level course in a sequence for English, Mathematics, and Science courses.
- Students must take capstone course CSC 492 Senior Design at CSUDH.

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|---|-------|
| Lower Division Requirements | | |
| CSC 121 | Introduction to Computer Science and Programming I ¹ | 4 |
| CSC 123 | Introduction to Computer Science and Programming II | 4 |
| CSC 221 | Assembly Language and Introduction to Computer Organization | 3 |
| CSC 2xx | | 3 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 271 | Foundations Of Higher Math | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| Upper Division Requirements ² | | |
| Core Requirements: | | |
| CSC 311 | Data Structures | 3 |
| CSC 321 | Programming Languages | 3 |
| CSC 331 | Computer Organization | 3 |
| CSC 341 | Operating Systems | 3 |
| Required Courses: | | |
| CSC 301 | Computers and Society | 3 |
| CSC 401 | Analysis of Algorithms | 3 |
| CSC 481 | Software Engineering | 3 |
| CSC 492 | Senior Design | 3 |
| MAT 321 | Probability and Statistics | 3 |
| MAT 361 | Finite Automata | 3 |
| Electives | | |
| Select two courses from the following: | | 6 |
| CSC 395 | Sel Topics in Computer Science | |
| CSC 411 | Artificial Intelligence | |
| CSC 421 | Advanced Programming Languages | |
| CSC 431 | Advanced Computer Organization | |
| CSC 441 | Advanced Operating Systems | |
| CSC 451 | Computer Networks | |
| CSC 453 | Data Management | |
| CSC 455 | WWW Design and Management | |
| CSC 459 | Security Engineering | |
| CSC 461 | Computer Graphics I | |
| CSC 463 | Computer Graphics II | |
| CSC 471 | Compiler Construction I | |
| CSC 490 | Senior Seminar | |

| | |
|--------------------|-----------------------|
| CSC 495 | Selected Topics: |
| MAT 367 | Numerical Analysis I |
| MAT 369 | Numerical Analysis II |
| Total Hours | 76 |

¹ Major students may substitute this course for General Education Area A3. Please contact the CNBS Student Success Center to request the course substitution.

² A minimum of 18 upper division units in the major must be taken in residence at CSU Dominguez Hills.

Program Learning Outcome

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- Communicate effectively in a variety of professional contexts.
- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
- Apply computer science theory and software development fundamentals to produce computing-based solutions.

4- Year Roadmap

| | | |
|------------------------------------|---|--------------|
| First Year | | |
| Fall | | Hours |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| HIS 101 | History Of United States | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area C1 Arts Courses | | 3 |
| Hours | | 16 |
| Spring | | |
| MAT 191 | Calculus I (satisfies GE Area B4) | 5 |
| CSC 123 | Introduction to Computer Science and Programming II | 4 |
| PHY 130 | General Physics I (satisfy GE Areas B1 and B3) | 5 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| MAT 193 | Calculus II | 5 |
| POL 101 | American Institutions | 3 |
| PHY 132 | General Physics II | 5 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| Hours | | 16 |
| Spring | | |
| CSC 281 | Discrete Structures | 3 |
| CSC 251 | C Language Programming and Unix (satisfies CSC lower division elective) | 3 |
| CSC 300 | Software Development | 3 |
| CSC 221 | Assembly Language and Introduction to Computer Organization | 3 |
| GE Area B2 Life Science | | 3 |
| Hours | | 15 |

Third Year

| Fall | | |
|---|--|---|
| CSC 301 | Computers and Society (satisfies GE Area B5) | 3 |
| MAT 321 | Probability and Statistics | 3 |
| CSC 311 | Data Structures | 3 |
| CSC 331 | Computer Organization | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|--|------------------------|---|
| CSC 401 | Analysis of Algorithms | 3 |
| CSC 321 | Programming Languages | 3 |
| Upper Division CSC Elective 1 | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Fourth Year

| Fall | | |
|--|---|---|
| CSC 481 | Software Engineering | 3 |
| CSC 341 | Operating Systems | 3 |
| CSC 371 | Finite Automata | 3 |
| ENG 350 | Advanced Composition (satisfies GVAR requirement) | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |

| | |
|--------------|-----------|
| Hours | 18 |
|--------------|-----------|

Spring

| | | |
|---|---------------|---|
| CSC 492 | Senior Design | 3 |
| Upper Division CSC Elective 2 | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area F Ethnic Studies | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

| | |
|--------------------|------------|
| Total Hours | 127 |
|--------------------|------------|

2-Year Roadmap (transfer students)**First Year**

| Fall | | Hours |
|-------------|--|--------------|
| CSC 300 | Software Development | 3 |
| CSC 301 | Computers and Society (satisfies GE Area B5) | 3 |
| MAT 321 | Probability and Statistics | 3 |
| CSC 311 | Data Structures | 3 |
| CSC 331 | Computer Organization | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|--|---|---|
| CSC 401 | Analysis of Algorithms | 3 |
| CSC 321 | Programming Languages | 3 |
| ENG 350 | Advanced Composition (satisfies GVAR requirement) | 3 |
| Upper Division CSC Elective 1 | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Second Year

| Fall | | Hours |
|---|----------------------|--------------|
| CSC 481 | Software Engineering | 3 |
| CSC 341 | Operating Systems | 3 |
| CSC 371 | Finite Automata | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

Spring

| | | |
|-------------------------------|---------------|---|
| CSC 492 | Senior Design | 3 |
| Upper Division CSC Elective 2 | | 3 |
| Elective to meet 120 units | | 3 |

| | |
|----------------------------|---|
| Elective to meet 120 units | 3 |
|----------------------------|---|

| | |
|----------------------------|---|
| Elective to meet 120 units | 2 |
|----------------------------|---|

| | |
|--------------|-----------|
| Hours | 14 |
|--------------|-----------|

| | |
|--------------------|-----------|
| Total Hours | 59 |
|--------------------|-----------|

Computer Science, Certificate Requirements

| Code | Title | Hours |
|-------------|--------------|--------------|
|-------------|--------------|--------------|

Upper Division Requirements

| | | |
|---------|-----------------------|---|
| CSC 311 | Data Structures | 3 |
| CSC 321 | Programming Languages | 3 |
| CSC 331 | Computer Organization | 3 |

Electives

| | |
|--|---|
| Select three courses from the following: | 9 |
|--|---|

| | | |
|---------|-------------------------------------|--|
| CSC 337 | Microcomputers | |
| CSC 341 | Operating Systems | |
| CSC 353 | File Processing | |
| CSC 361 | Systems Programming | |
| CSC 395 | Selected Topics in Computer Science | |
| CSC 401 | Analysis of Algorithms | |
| CSC 411 | Artificial Intelligence | |
| CSC 421 | Advanced Programming Languages | |
| CSC 431 | Advanced Computer Organization | |
| CSC 441 | Advanced Operating Systems | |
| CSC 451 | Computer Networks | |
| CSC 453 | Data Management | |
| CSC 455 | WWW Design and Management | |
| CSC 459 | Security Engineering | |
| CSC 461 | Computer Graphics I | |
| CSC 463 | Computer Graphics II | |
| CSC 471 | Compiler Construction I | |
| CSC 490 | Senior Seminar | |
| CSC 492 | Senior Design | |
| CSC 495 | Selected Topics: | |
| MAT 361 | Finite Automata | |
| MAT 367 | Numerical Analysis I | |
| MAT 369 | Numerical Analysis II | |

| | |
|--------------------|-----------|
| Total Hours | 18 |
|--------------------|-----------|

Notes:

1. Adequate preparation in terms of the completion of all lower division courses which are prerequisites of courses for this certificate is necessary.
2. At least four of the six upper division courses must be taken at CSU Dominguez Hills.
3. None of the upper division courses may be taken as credit/no credit.
4. A minimum grade point average of 2.0 is required for all units taken for the certificate.

- 1.

Computer Science, Master of Science

The Master's Program in Computer Science is a two-year program in which a student must complete a required core of courses and additional concentration and general computer science elective courses. The curriculum for the Master of Science in Computer Science requires 36 semester credit units, and offers both a thesis option (30 semester credit units of coursework and 6 semester units of a thesis) and a non-thesis option (33 semester credit units of coursework and 3 semester credit units of a project). Students may choose to obtain the degree in Computer Science with specialization in Software Engineering or Distributed Systems and Networking.

The academic program is expected to culminate in a master's thesis or project. During the first semester of the program, the student should choose a major advisor who will assist him or her in the choice of elective courses. The major advisor will chair the student's advisory committee for the thesis. Two additional members of the student's graduate advisory committee will need to be selected.

The graduate program can provide a strong background for future study in a doctoral program. It also provides graduate training as preparation for professional applications. Students with a master's degree in computer science are also prepared for a career in teaching and/or research.

A majority of graduate classes are scheduled to accommodate late afternoon and evening students.

Admission Requirements

Students holding a Bachelor's degree in Computer Science are accepted as graduate students, provided they meet the general requirements stated below.

Applicants **not** holding a degree in Computer Science are also accepted as graduate students, provided they meet the general requirements and successfully complete the leveling courses described below.

General requirements for graduate study in Computer Science are as follows:

- An undergraduate degree from an accredited higher education institution.
- A minimum GPA of 2.75 on a 4.0 scale.
- A minimum TOEFL score of 90 or ITLES score of 6.5 (for applicants whose native language is not English).
- A minimum Graduate Examination (GRE) General Test score of 293 (combined verbal and quantitative); for more information refer to: www.gre.org (<https://www.ets.org/gre/>)

A student with a Bachelor of Science in Computer Science, with a GPA greater than 2.44 but less than 2.75 and/or a GRE score below 191 may first receive conditionally classified admission to the MS degree program. A conditionally classified student has one year to receive a minimum GRE score of 900 and a minimum GPA of 3.0 to change status to classified graduate student.

A student with a Bachelor's degree in a discipline other than Computer Science must possess a computer science background equivalent to the following CSUDH courses:

| Code | Title | Hours |
|--|-----------------------|-------|
| CSC 321 | Programming Languages | 3 |
| CSC 331 | Computer Organization | 3 |
| CSC 311 | Data Structures | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| CSC 341 | Operating Systems | 3 |
| MAT 361 | Finite Automata | 3 |
| Proficiency in a programming language ¹ | | |

¹ or CSC 123 Introduction to Computer Science and Programming II.

A student without this background must enroll in these leveling courses before being accepted as a regular student in the graduate Computer Science program. Successful completion in these courses means a grade of C or better in each leveling course.

Students entering the master's program must maintain a grade of no less than B in any course for their continuation in this program. Final decision on admission to the graduate program is made by the Computer Science Graduate Committee.

Admission Procedures

Prospective graduate students must:

1. Submit an application to the University for admission (or readmission) with graduate standing, and official transcripts of all previous college work following the procedures outlined in the Admissions section of the University Catalog.
2. Submit to the Computer Science Graduate Program Coordinator:
3. a second set of official transcripts;
4. a letter to the department describing interests, goals and expectations in pursuing the master's degree in computer science;
5. three letters of recommendation sent directly from individuals who can evaluate potential for graduate study;
6. verification of a minimum GRE General Test score of 900 (combined verbal and quantitative) before the student has completed 9 semester units.

Graduate Standing: Conditionally Classified

To qualify for admission with a graduate degree objective, students must meet the admission requirements for post-baccalaureate standing as well as any additional requirements of the particular program. Students who apply to a graduate degree program but who do not satisfy all program requirements may be admitted to conditionally classified status. Program coordinators will outline all conditions for attainment of classified status.

Graduate Standing: Classified

Students applying for master's degree programs will be admitted in classified status if they meet all program admission requirements.

Classified standing as a graduate student is granted by the academic unit to which the student is applying. Classified standing is normally granted when all prerequisites have been satisfactorily completed for admission to a master's degree program. Students must have classified standing to qualify for Advancement to Candidacy.

Graduation Writing Assessment Requirement

All graduate students entering the University in the Fall of 1983 or thereafter are required to satisfy the Graduation Writing Assessment Requirement (GWAR) in accordance with the established policies of the university. Students must satisfy the requirements before being advanced to Candidacy. (See "Graduation Writing Assessment Requirement (<https://catalog.csudh.edu/general-information/graduate-writing-examination/>)" section of the University Catalog.

Advancement to Candidacy

Advancement to candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon advancement to candidacy, the student is cleared for the final stages of the graduate program which, in addition to any remaining course work, will include the thesis or project.

Following are the requirements for Advancement to Candidacy:

1. A minimum of 15 resident units;
2. Classified standing;
3. An approved Program of Study;
4. Successful completion of GWAR;
5. A cumulative GPA of 3.0 in all courses taken as a graduate student;
6. No grade lower than a "B" in the degree program.

Advancement to Candidacy must be certified on the appropriate form to the Graduate Dean by the department prior to the final semester, prior to enrolling in the thesis or project.

Admission Requirements

Students holding a Bachelor's degree in Computer Science are accepted as graduate students, provided they meet the general requirements stated below.

Applicants **not** holding a degree in Computer Science are also accepted as graduate students, provided they meet the general requirements and successfully complete the leveling courses described below.

General requirements for graduate study in Computer Science are as follows:

- An undergraduate degree from an accredited higher education institution.
- A minimum GPA of 2.75 on a 4.0 scale.
- A minimum TOEFL score of 90 or ITLES score of 6.5 (for applicants whose native language is not English).
- A minimum Graduate Examination (GRE) General Test score of 293 (combined verbal and quantitative); for more information refer to: www.gre.org (<https://www.ets.org/gre/>)

A student with a Bachelor of Science in Computer Science, with a GPA greater than 2.44 but less than 2.75 and/or a GRE score below 191 may first receive conditionally classified admission to the MS degree program. A conditionally classified student has one year to receive a minimum GRE score of 900 and a minimum GPA of 3.0 to change status to classified graduate student.

A student with a Bachelor's degree in a discipline other than Computer Science must possess a computer science background equivalent to the following CSUDH courses:

| Code | Title | Hours |
|--|-----------------------|-------|
| CSC 321 | Programming Languages | 3 |
| CSC 331 | Computer Organization | 3 |
| CSC 311 | Data Structures | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| CSC 341 | Operating Systems | 3 |
| MAT 361 | Finite Automata | 3 |
| Proficiency in a programming language ¹ | | |

¹ or CSC 123 Introduction to Computer Science and Programming II.

A student without this background must enroll in these leveling courses before being accepted as a regular student in the graduate Computer Science program. Successful completion in these courses means a grade of C or better in each leveling course.

Students entering the master's program must maintain a grade of no less than B in any course for their continuation in this program. Final decision on admission to the graduate program is made by the Computer Science Graduate Committee.

Admission Procedures

Prospective graduate students must:

1. Submit an application to the University for admission (or readmission) with graduate standing, and official transcripts of all previous college work following the procedures outlined in the Admissions section of the University Catalog.
2. Submit to the Computer Science Graduate Program Coordinator:
3. a second set of official transcripts;
4. a letter to the department describing interests, goals and expectations in pursuing the master's degree in computer science;
5. three letters of recommendation sent directly from individuals who can evaluate potential for graduate study;
6. verification of a minimum GRE General Test score of 900 (combined verbal and quantitative) before the student has completed 9 semester units.

Graduate Standing: Conditionally Classified

To qualify for admission with a graduate degree objective, students must meet the admission requirements for post-baccalaureate standing as well as any additional requirements of the particular program. Students who apply to a graduate degree program but who do not satisfy all program requirements may be admitted to conditionally classified status. Program coordinators will outline all conditions for attainment of classified status.

Graduate Standing: Classified

Students applying for master's degree programs will be admitted in classified status if they meet all program admission requirements.

Classified standing as a graduate student is granted by the academic unit to which the student is applying. Classified standing is normally granted when all prerequisites have been satisfactorily completed for admission

to a master's degree program. Students must have classified standing to qualify for Advancement to Candidacy.

Graduation Writing Assessment Requirement

All graduate students entering the University in the Fall of 1983 or thereafter are required to satisfy the Graduation Writing Assessment Requirement (GWAR) in accordance with the established policies of the university. Students must satisfy the requirements before being advanced to Candidacy. (See "Graduation Writing Assessment Requirement (p. 112)" section of the University Catalog.

Advancement to Candidacy

Advancement to candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon advancement to candidacy, the student is cleared for the final stages of the graduate program which, in addition to any remaining course work, will include the thesis or project.

Following are the requirements for Advancement to Candidacy:

1. A minimum of 15 resident units;
2. Classified standing;
3. An approved Program of Study;
4. Successful completion of GWAR;
5. A cumulative GPA of 3.0 in all courses taken as a graduate student;
6. No grade lower than a "B" in the degree program.

Advancement to Candidacy must be certified on the appropriate form to the Graduate Dean by the department prior to the final semester, prior to enrolling in the thesis or project.

Requirements

Thesis Option

| Code | Title | Hours |
|----------------------------|--|-----------|
| Graduate Coursework | | |
| CSC 500 | Research Methods | 3 |
| CSC 501 | Design and Analysis of Algorithms | 3 |
| CSC 521 | Fundamentals and Concepts of Programming Languages | 3 |
| CSC 581 | Advanced Software Engineering | 3 |
| CSC 584 | Software Project | 3 |
| Elective graduate courses | | 15 |
| Master's Thesis | | |
| CSC 599 | Master's Thesis | 6 |
| Total Hours | | 36 |

Non-Thesis Option

| Code | Title | Hours |
|----------------------------|--|-------|
| Graduate Coursework | | |
| CSC 500 | Research Methods | 3 |
| CSC 501 | Design and Analysis of Algorithms | 3 |
| CSC 521 | Fundamentals and Concepts of Programming Languages | 3 |
| CSC 581 | Advanced Software Engineering | 3 |

| | | |
|---------------------------|------------------|-----------|
| CSC 584 | Software Project | 3 |
| Elective graduate courses | | 18 |
| Master's Project | | |
| CSC 590 | Master's Project | 3 |
| Total Hours | | 36 |

Tracks

Students may choose to obtain the degree specializing in either Software Engineering (SE) or in Distributed Systems and Networking (DSN) tracks.

Software Engineering (SE) Track

| Code | Title | Hours |
|--------------------|---|-----------|
| CSC 541 | Advanced Operating Systems | 3 |
| CSC 546 | Human Computer Interaction and Interface Design | 3 |
| CSC 582 | Object-Oriented Analysis and Design | 3 |
| CSC 583 | Software Engineering Processes | 3 |
| CSC 585 | Advanced Software Quality Assurance | 3 |
| Total Hours | | 15 |

Distributed Systems Networking (DSN) Track

| Code | Title | Hours |
|--------------------|---|-----------|
| CSC 531 | Advanced Computer Architecture | 3 |
| CSC 541 | Advanced Operating Systems | 3 |
| CSC 551 | Data Communications and Computer Networks | 3 |
| CSC 552 | Distributed Computing and Parallel Processing | 3 |
| CSC 555 | Information Assurance and Network Security | 3 |
| Total Hours | | 15 |

Elective Graduate Courses

| Code | Title | Hours |
|---------|---|-------|
| CSC 511 | Artificial Intelligence and Expert Systems | 3 |
| CSC 531 | Advanced Computer Architecture | 3 |
| CSC 541 | Advanced Operating Systems | 3 |
| CSC 546 | Human Computer Interaction and Interface Design | 3 |
| CSC 553 | Advanced Database Management Systems | 3 |
| CSC 551 | Data Communications and Computer Networks | 3 |
| CSC 552 | Distributed Computing and Parallel Processing | 3 |
| CSC 555 | Information Assurance and Network Security | 3 |
| CSC 561 | Advanced Computer Graphics | 3 |
| CSC 564 | Numerical Analysis | 3 |
| CSC 565 | Theory of Computation | 3 |
| CSC 582 | Object-Oriented Analysis and Design | 3 |
| CSC 583 | Software Engineering Processes | 3 |
| CSC 585 | Advanced Software Quality Assurance | 3 |
| CSC 594 | Independent Study | 3 |
| CSC 595 | Special Topics in Computer Science | 3 |

Notes:

1. General Computer Science:
 - a. Thesis Option: select 5 courses (15 units) from the list of elective courses;
 - b. Non-Thesis Option: select 6 courses (18 units) from the list of elective courses.
2. Software Engineering or Distributed Systems Networking tracks:

- a. No double counting of electives;
- b. Thesis Option: select 1 course (3 units) from the list of elective courses;
- c. Non-Thesis Option: select 2 courses (6 units) from the list of elective courses
 - a.

Program Learning Outcomes

1.

Computer Science, Minor

Requirements

| Code | Title | Hours |
|---|---|-------|
| Lower Division Required Courses | | |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| CSC 123 | Introduction to Computer Science and Programming II | 4 |
| CSC 221 | Assembly Language and Introduction to Computer Organization | 3 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 271 | Foundations Of Higher Math | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| Upper Division Required Courses | | |
| CSC 311 | Data Structures | 3 |
| Select two courses from the following, one of which must have a CSC prefix: 6 | | |
| CSC 321 | Programming Languages | |
| CSC 331 | Computer Organization | |
| CSC 341 | Operating Systems | |
| CSC 395 | Sel Topics in Computer Science | |
| CSC 401 | Analysis of Algorithms | |
| CSC 411 | Artificial Intelligence | |
| CSC 421 | Advanced Programming Languages | |
| CSC 431 | Advanced Computer Organization | |
| CSC 441 | Advanced Operating Systems | |
| CSC 451 | Computer Networks | |
| CSC 453 | Data Management | |
| CSC 455 | WWW Design and Management | |
| CSC 459 | Security Engineering | |
| CSC 461 | Computer Graphics I | |
| CSC 463 | Computer Graphics II | |
| CSC 471 | Compiler Construction I | |
| CSC 490 | Senior Seminar | |
| CSC 492 | Senior Design | |
| CSC 495 | Selected Topics: | |
| MAT 361 | Finite Automata | |
| MAT 367 | Numerical Analysis I | |
| MAT 369 | Numerical Analysis II | |
| CIS 372 | Systems Analysis and Design | |
| CIS 373 | Database Systems | |

CIS 375 Data Communications

Total Hours 36

Computer Technology

College of Natural and Behavioral and Sciences
Department of Computer Science

Program Description

Computer Technology forms the technological infrastructure of modern commerce. It's the driving force of every industry and permeates everyday life. The ability to combine the power of computing with the management of multimedia information is arguable the key to obtaining ascendancy in any field.

Computer Technology is an ever-evolving, expanding field. The proposed Computer Technology Program will provide students with the background, knowledge and skills they'll need to adapt to the dynamic nature of the marketplace. Program faculty will consist of traditional academics as well as industry professionals in order to provide curricular content that is on the cutting edge of industry trends.

The BACT degree provides a high-quality degree program in computer technology that will prepare students for lifelong learning as they pursue professional careers in computer technology and leadership roles in the society in which they serve. It provides our students with a strong foundational base, state-of-the-art techniques, methodologies, and tools to specify, design, and develop technology-based solutions to complex system problems. This program prepares our students to communicate well, both orally and in writing, on moral and ethical development, in the knowledge of the liberal arts, and commitment to services to others. CT provides opportunities for students to contribute to the body of knowledge that serves the profession, by engaging in activities that support their interests and are in agreement with the goals and objectives of the College, and the university.

Features

The University's location in the South Bay area of greater Los Angeles provides direct access to many major government contractors, manufacturers, and international centers of commerce and finance. This provides excellent opportunities for work-study and early job placement.

Our highly qualified full-time faculty are supplemented by talented and dedicated part-time faculty drawn from local firms and schools. Good teaching and easy on-campus access to professional quality computing systems enhance a degree program with a solid core curriculum and a broad range of electives.

All courses are offered alternatively day and evening so that students may complete their programs by enrolling at either time exclusively.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Computer Technology provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills at least 24 of which taken in Computer Technology major;
2. A minimum GPA of 3.5 in all upper-division courses in the Computer Technology major completed in residence at CSUDH.

Students who achieve Honors in Computer Technology will have the information recorded on their transcripts and diplomas.

Academic Advisement

Faculty guidance in the development of career goals and program planning to achieve those goals is available to all majors.

Preparation

Students entering the computer technology program should have completed high school mathematics through trigonometry. Remediation is available but will delay the student's progress towards a Computer Technology Degree.

This is a program that places a premium on the student's initiative and effort.

Student Organizations

Contact the departmental office for membership information, or visit the websites:

Association for Computing Machinery (ACM) ACM@csudh.edu
 Institute of Electrical and Electronics Engineers (IEEE) IEEE@csudh.edu
 Cyber Security CyberSec@csudh.edu
 Computing Alliance of Hispanic-Serving Institutions (CAHSI)
 CAHSI@csudh.edu

Career Possibilities

Bachelor of Arts in Computer Technology is a comprehensive program that will consist of the following tracks: General Track, Homeland Security, and Professional. This program is intended to provide students with the technology-based skills set required immediately after degree completion to enter the workforce within the following areas related to computer technology: Manufacturing, Repair, troubleshooting, Lab technician, Public Service, Government Agencies, Consultants, Software Version Control, Domain Expert Technician, and other computer/software technology-related fields. Feedback from our Industry Advisory Board members indicates the need for professionals with a balance of practical and theoretical knowledge that extends beyond conventional information technology curricula.

Undergraduate Programs

Bachelor

- Computer Technology, Bachelor of Arts (p. 492)

Minor

- Computer Technology, Minor (p. 496)

Certificate

- Computer Technology, Certificate (p. 496)

Faculty

Mohsen Beheshti, Department Chair

Jianchao (Jack) Han, Marek Suchenek, Bin Tang, Amlan Chatterjee, Liudong Zuo, Alireza Izaddoost, Brad Hollister, Khondaker Salehin, Ali (Ashkan) Jalooli, Sanaz Rahimi Moosavi, Sahar Hooshmand

Emeriti Faculty

William B. Jones, Kazimierz Kowalski

Staff

Violeta Diaz, Administrative Assistant
 Ken Leyba, IT Consultant
 Department Office: NSM A-132, (310) 243-3398
<http://csc.csudh.edu>

Courses

CTC 195. Special Topics. (1-3 Units)

Topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.

Offered As needed

CTC 218. Digital Logic Design. (3 Units)

Provides students with a basic understanding of digital device and circuit fundamentals. The students should be able to analyze and design both combinational and sequential circuits after completing this course.

Offered Fall, Spring

CTC 228. Introduction to Operating Systems and Networks. (4 Units)

Course acquaints students with basic networking concepts such as TCP/IP, local/wide area networking as well as emerging industry topics such as Radio Frequency Identification (RFID), Global Information Systems (GIS), Networked Attached Storage (NAS), and WiMAX.

Offered Fall, Spring

CTC 295. Special Topics. (1-3 Units)

Topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.

Offered As needed

CTC 305. Introduction to Game and Mobile Programming. (3 Units)

This course teaches students through lectures, discussions, demonstrations, and classroom labs. Students learn the knowledge, skills, and abilities necessary to create games in the C# programming language using the Microsoft XNA framework and Silver light.

Offered Fall

CTC 310. Software Project Management. (3 Units)

Course will focus on the critical aspects of project management, including software project management concepts and case studies, and discuss software project management roadmap, and especially address linear, incremental, iterative, adaptive and extreme effective software project management from the perspectives of project scoping, planning, launching, monitoring, controlling and closing phases.

Offered Fall, Spring

CTC 316. Operating Systems and Networks Support. (3 Units)

Course provides an introduction to OS and networking support. Topics include user engineering, risk management, mission assurance, software process management, enterprise management tools and processes, disaster recovery, business continuity and information life cycle management.

Offered Fall, Spring

CTC 328. Computer Forensics and Investigation. (4 Units)

Course presents methods to properly conduct a computer forensics investigation, beginning with a discussion of ethics while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification.
Offered Fall, Spring

CTC 362. Communication Systems Security. (3 Units)

Course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.
Offered Fall, Spring

CTC 385. Introduction to Programming. (3 Units)

Introduces computing practice first, and then the concept of programming using block-based and visual (drag-and-drop) programming language such as Scratch. Students will also be exposed to pseudocode and algorithm design.
Offered Fall, Spring, Summer

CTC 386. Computational Thinking and Programming. (3 Units)

Prerequisite: CTC 385 is required. Restricted to majors. Introduces computational thinking and problem-solving frameworks first, and then uses Python to teach programming concepts and problem-solving skills. Ethics in computing is also discussed.
Offered Fall, Spring, Summer

CTC 387. Computer Networks, Communication Devices and Methods. (4 Units)

Prerequisites: CTC 386 is required. Restricted to majors. Introduces computer system, network and communication devices first, and then introduces how to identify hardware and software failures, and use tools to perform diagnosis. Social and legal issues in computing, and pedagogy in computer science are also discussed.
Offered Fall, Spring, Summer

CTC 389. Data Structures and Software Design. (3 Units)

Prerequisite: CTC 387 is required. Restricted to majors. Introduces different data structures and algorithm design principles first, followed by different software design models. Advanced Python programming techniques are also discussed.
Offered Fall, Spring, Summer

CTC 395. Special Topics. (1-3 Units)

Advanced topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.
Offered As needed

CTC 399. IT Practicum. (3 Units)

The technology internship program allows students to gain hands on experience in a technology environment by spending one semester as an intern in the Information Technology Department at CSUDH. The Internship program provides students with the opportunity to gain technical experience related to their studies, and to prepare for future career opportunities. CR/NC grading
Offered Fall, Spring

CTC 405. Advanced Game Development. (3 Units)

Prerequisites: Prerequisites: CTC 305 or CSC 123 Students learn the advanced knowledge in game development including Skills, and the abilities necessary to create #D games on multiple platforms. The course includes lectures, discussions, demonstrations, and classroom labs.
Offered Spring

CTC 428. Operating Systems Security. (3 Units)

Prerequisites: CTC 316 is required. Course takes an in depth look at operating system security concepts and techniques. It examines theoretical concepts that make the world of security unique. Also, this course will adopt a practical hands-on approach when examining operating system security techniques.
Offered Fall, Spring

CTC 435. Fundamentals of Information Technology. (2 Units)

This course focuses on the introduction to Python programming language, handling data, database, operating systems, and network and security. Students are expected to gain significant theoretical knowledge of information technology, and know how to write Python programs. Restricted to students in the major.
Offered Fall, Spring, Summer

CTC 436. Fundamentals of Networking and Hardware. (2 Units)

This course focuses on the introduction of computer hardware systems, computer network, and wireless networking. Students who enroll and complete this course are expected to gain significant theoretical knowledge and hands-on experience of computer hardware and networking. Restricted to students in the major.
Offered Fall, Spring, Summer

CTC 437. Fundamentals of Information Security. (2 Units)

Introduces students to security, network monitoring and access control, malicious activity detection, cryptography and security function. Students who enroll and complete the course are expected to gain significant theoretical knowledge and hands-on experience of information security. Restricted to students in the major.
Offered Fall, Spring, Summer

CTC 452. Network Security and Hacking Prevention. (3 Units)

Prerequisite: CTC 228 or consent of instructor is required. Course takes an in depth look at network defense concepts and techniques. It examines theoretical concepts that make the world of networking unique. This course also adopts a practical hands-on approach when examining network defense techniques and strategies.
Offered Fall, Spring

CTC 454. Wireless Security & Forensics. (3 Units)

Examines fundamental topics in wireless technology in wireless technology, such as planning, designing, installing, securing, using tools, and forensics. Students will also examine the maintenance, security, and business applications for wireless Local Area Networks.
Offered Spring

CTC 456. Enterprise System Security. (3 Units)

Prerequisite: CTC 228 is required. Students learn to identify and fix enterprise level network vulnerabilities through the use of existing defense tools. Students also learn the essential skills and techniques needed to develop enterprise level network security skills to protect enterprise's information.
Offered Spring

CTC 458. Network Security Through Penetration Testing. (3 Units)

Prerequisite: CTC 228 is required. Students learn how to determine the feasibility of a particular set of attack vectors and identify higher-risk vulnerabilities. students learn through performing penetration tests against the setup environment using existing tools, techniques, and programming languages.
Offered Fall

CTC 492. Senior Project. (3 Units)

Intensive study under guidance of a member of the Computer Science Department to complete a project from start to end. Students will study system design and total project planning and management. A formal written report and oral presentation will be required.

Offered Fall, Spring

CTC 495. Special Topics. (1-3 Units)

Advanced topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs.

Subject to approval.

Offered Fall, Spring

CTC 496. Internship in Computer Technology. (3 Units)

Offered As needed

CTC 497. Directed Studies. (3 Units)

Software Project Management (CTC 310)

Offered As needed

Computer Technology, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (62-68 units)

Students entering the Computer Technology program must complete the following.

1. Earn an overall grade point average of 2.0 or better in courses taken outside of the department.
2. Earn a grade of "C" or better in each course taken within the department.
3. Students must take capstone course CTC 492 Senior Project at CSUDH.

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Core Requirements (34 units)

| Code | Title | Hours |
|------------------------------------|---|-----------|
| Lower Division Requirements | | |
| CSC 101 | Intro.to Computer Education | 3 |
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| Upper Division Requirements | | |
| CSC 301 | Computers And Society | 3 |
| CTC 310 | Software Project Management | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| CTC 492 | Senior Project | 3 |
| Total Hours | | 34 |

Tracks

General Track (62 units)

| Code | Title | Hours |
|---------------------------------------|---|-----------|
| Lower Division Requirements | | |
| CSC 101 | Intro.to Computer Education | 3 |
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| CSC 115 | Introduction to Programming Concepts | 3 |
| CSC 121 | Introduction to Computer Science and Programming I ¹ | 4 |
| CTC/CSC Elec. Lower Division Elective | | 4 |
| CTC/CSC Elec. Lower Division Elective | | 4 |
| CTC 218 | Digital Logic Design | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| Upper Division Requirements | | |
| CSC 301 | Computers And Society | 3 |
| CTC 310 | Software Project Management | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| CTC 492 | Senior Project | 3 |
| CTC/CSC Elec. Upper Division Elective | | 4 |
| CTC/CSC Elec. Upper Division Elective | | 3 |
| CTC/CSC Elec. Upper Division Elective | | 3 |
| Total Hours | | 62 |

¹ Major students may substitute this course for General Education Area A3. Please contact the CNBS Student Success Center to request the course substitution.

Homeland Security Track (65 units)

| Code | Title | Hours |
|------------------------------------|-----------------------------|-------|
| Lower Division Requirements | | |
| CSC 101 | Intro.to Computer Education | 3 |

| | | |
|------------------------------------|---|-----------|
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| CSC 115 | Introduction to Programming Concepts | 3 |
| CSC 121 | Introduction to Computer Science and Programming I ¹ | 4 |
| CSC 123 | Introduction to Computer Science and Programming II | 4 |
| CSC 221 | Assembly Language and Introduction to Computer Organization | 3 |
| CTC 218 | Digital Logic Design | 3 |
| CTC 228 | Introduction to Operating Systems and Networks | 4 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| Upper Division Requirements | | |
| CSC 301 | Computers And Society | 3 |
| CTC 310 | Software Project Management | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC 328 | Computer Forensics and Investigation | 4 |
| CTC 362 | Communication Systems Security | 3 |
| CTC 428 | Operating Systems Security | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| CTC 492 | Senior Project | 3 |
| Total Hours | | 65 |

¹ Major students may substitute this course for General Education Area A3. Please contact the CNBS Student Success Center to request the course substitution.

Professional Track (68 units)

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| CSC 101 | Intro.to Computer Education | 3 |
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| Upper Division Requirements | | |
| CSC 301 | Computers And Society | 3 |
| CTC 310 | Software Project Management | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| CTC 492 | Senior Project | 3 |

Specific Domain

Complete one of the following: 15-31

- Associate Degree
- Minor in another program
- Concentration courses- with the consultation of computer science department

Free Electives

Complete free elective courses 3-19

Total Hours 52-84

Program Learning Outcomes

- Analyze, design, implement, and evaluate a Technology related solution in areas such electronics, Manufacturing, Homeland Security, and etc. using appropriate tools.
- Work effectively as a team member in design, implementation, and use of software and hardware utilization.
- Communicate effectively through speaking, writing, and the use of presentation tools in describing the hardware and software specification.
- Appraise the impact of ethical issues and societal concerns about constant changes in hardware/software computer technology.

General Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| MAT 131 | Elementary Statistics and Probability (GE Area B4) | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area A2 Written Communication | | 3 |
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 101 | Intro.to Computer Education | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| CSC 115 | Introduction to Programming Concepts | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| CSC 121 | Introduction to Computer Science and Programming I (see counselor for GE Area A3: Critical Thinking credit) | 4 |
| POL 101 | American Institutions | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| CTC 228 | Introduction to Operating Systems and Networks | 4 |
| Hours | | 14 |
| Spring | | |
| ITC 300 | Security in a Digital Society | 3 |
| CTC 218 | Digital Logic Design | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CSC 301 | Computers And Society (satisfies GE Area B5) | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Spring | | |
| CTC 310 | Software Project Management | 3 |
| CTC/CSC Lower Division Elective | | 4 |

| | |
|---|------------|
| CTC/CSC Lower Division Elective | 4 |
| Additional GE in Area C1 or C2 | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |
| Hours | 17 |
| Fourth Year | |
| Fall | |
| CTC 452 Network Security and Hacking Prevention | 3 |
| ENG 350 Advanced Composition (GWAR satisfying course) | 3 |
| GE Area B2 Life Science | 3 |
| CTC/CSC Upper Division Elective | 3 |
| CTC/CSC Upper Division Elective | 3 |
| Hours | 15 |
| Spring | |
| CSC 492 Senior Design | 3 |
| CTC/CSC Upper Division Elective | 4 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| GE Area F Ethnic Studies | 3 |
| Hours | 16 |
| Total Hours | 120 |

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|--|-------|-----------|
| First Year | | |
| Fall | | |
| CSC 301 Computers And Society (satisfies GE Area B5) | | 3 |
| CTC 316 Operating Systems and Networks Support | | 3 |
| CTC 328 Computer Forensics and Investigation | | 4 |
| ITC 300 Security in a Digital Society (or an alternative GE Area D3 satisfying course) | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| CTC 310 Software Project Management | | 3 |
| CTC Upper Division Elective | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| CTC Upper Division Elective | | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 13 |
| Second Year | | |
| Fall | | |
| CTC 452 Network Security and Hacking Prevention | | 3 |
| ENG 350 Advanced Composition (GWAR satisfying course) | | 3 |
| CTC/CSC Upper Division Elective | | 3 |
| CTC/CSC Upper Division Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| CSC 492 Senior Design | | 3 |
| CTC/CSC Upper Division Elective | | 4 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 60 |

Homeland Security Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|---|-------|-----------|
| First Year | | |
| Fall | | |
| MAT 131 Elementary Statistics and Probability (GE Area B4) | | 3 |
| HIS 101 History Of United States | | 3 |
| GE Area A2 Written Communication | | 3 |
| CSC 111 Introduction to Computers and Basic Programming | | 3 |
| CSC 101 Intro.to Computer Education | | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 153 Pre-Calculus with Trigonometry with Lab | | 4 |
| CSC 115 Introduction to Programming Concepts | | 3 |
| CSC 116 Introduction to Computer Hardware and Tools | | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| CSC 121 Introduction to Computer Science and Programming I (see counselor for GE Area A3: Critical Thinking credit) | | 4 |
| POL 101 American Institutions | | 3 |
| CSC 255 Dynamic Web Programming | | 3 |
| CTC 228 Introduction to Operating Systems and Networks | | 4 |
| GE Area A1 Oral Communication | | 3 |
| Hours | | 17 |
| Spring | | |
| CSC 123 Introduction to Computer Science and Programming II | | 4 |
| CTC 218 Digital Logic Design | | 3 |
| CSC 221 Assembly Language and Introduction to Computer Organization | | 3 |
| GE Area B2 Life Science | | 3 |
| GE Area C1 Arts Courses | | 3 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| CSC 301 Computers And Society (satisfies GE Area B5) | | 3 |
| CTC 316 Operating Systems and Networks Support | | 3 |
| CTC 328 Computer Forensics and Investigation | | 4 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 16 |
| Spring | | |
| CTC 310 Software Project Management | | 3 |
| CTC 362 Communication Systems Security | | 3 |
| CTC 428 Operating Systems Security | | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CTC 452 Network Security and Hacking Prevention | | 3 |
| ENG 350 Advanced Composition (GWAR satisfying course) | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| CTC Upper Division Elective | | 3 |
| CTC Upper Division Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| CSC 492 Senior Design | | 3 |
| CTC Upper Division Elective | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

| | |
|---|------------|
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| GE Area F Ethnic Studies | 3 |
| Hours | 15 |
| Total Hours | 123 |

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| CSC 301 | Computers And Society (satisfies GE Area B5) | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC 328 | Computer Forensics and Investigation | 4 |
| ITC 300 | Security in a Digital Society (or an alternative GE Area D3 satisfying course) | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| CTC 310 | Software Project Management | 3 |
| CTC 362 | Communication Systems Security | 3 |
| CTC 428 | Operating Systems Security | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CTC Upper Division Elective | | 3 |
| CTC Upper Division Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| CSC 492 | Senior Design | 3 |
| CSC Upper Division Elective | | 4 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 14 |
| Total Hours | | 60 |

Professional Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| MAT 131 | Elementary Statistics and Probability (GE Area B4) | 3 |
| HIS 101 | History Of United States (statutory requirement) | 3 |
| GE Area A2 Written Communication | | 3 |
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 101 | Intro.to Computer Education | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| CTC Lower Division Elective (or from Minor/Associate Degree) | | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| Hours | | 14 |

| | | |
|--|--|------------|
| Second Year | | |
| Fall | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| POL 101 | American Institutions | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| CTC 228 | Introduction to Operating Systems and Networks | 4 |
| GE Area A1 Oral Communication | | 3 |
| Hours | | 16 |
| Spring | | |
| CTC Lower Division Elective(or from Minor/Associate Degree) | | 3 |
| ITC 300 | Security in a Digital Society | 3 |
| GE Area B2 Life Science | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| CSC 301 | Computers And Society (satisfies GE Area B5) | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC Upper Division Elective (of from Minor/Associate Degree) | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Spring | | |
| CTC 310 | Software Project Management | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CTC Upper Division Elective (of from Minor) | | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| Hours | | 15 |
| Spring | | |
| CSC 492 | Senior Design | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| ITC 300 | Security in a Digital Society (satisfies GE Area D3) | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| CSC 301 | Computers And Society (satisfies GE Area B5) | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| ITC 300 | Security in a Digital Society (satisfies GE Area D3) | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| CTC 310 | Software Project Management | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

| | | |
|---|---|-----------|
| CTC Upper Division Elective (or from Minor) | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| CTC Upper Division Elective (or from Minor) | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| CSC 492 | Senior Design | 3 |
| CTC Upper Division Elective (or from Minor) | | 4 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Total Hours | | 60 |

Computer Technology, Certificate

Requirements

| Code | Title | Hours |
|--------------------------------|---|-----------|
| Computer Basics | | |
| CSC 101 | Introduction to Computer Education | 3 |
| Programming | | |
| Select one of the following: | | 3 |
| CSC 111 | Introduction to Computers and Basic Programming | |
| CSC 115 | Introduction to Programming Concepts | |
| Basic Hardware | | |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| Web Design and Security | | |
| CSC 255 | Dynamic Web Programming | 3 |
| Computer Ethics | | |
| CSC 301 | Computers and Society | 3 |
| Total Hours | | 15 |

Computer Technology, Minor

Requirements

| Code | Title | Hours |
|--|---|-------|
| Lower Division Requirements | | |
| CSC 111 | Introduction to Computers and Basic Programming | 3 |
| CSC 116 | Introduction to Computer Hardware and Tools | 3 |
| CSC 255 | Dynamic Web Programming | 3 |
| Upper Division Requirements | | |
| CSC 301 | Computers and Society | 3 |
| CTC 310 | Software Project Management | 3 |
| Select two courses from the following: | | 6 |
| CTC 316 | Operating Systems and Networks Support | |
| CTC 328 | Computer Forensics and Investigation | |
| CTC 362 | Communication Systems Security | |

| | | |
|--------------------|---|-----------|
| CTC 428 | Operating Systems Security | |
| CTC 452 | Network Security and Hacking Prevention | |
| Total Hours | | 21 |

Continuing & Professional Education Programs

Features

Programs offered through the College of Continuing and Professional Education (CCPE) are self-supporting and require tuition. For information on the fee and tuition schedules, please refer to the appropriate CCPE website.

Students should be advised that courses containing an "X" in their prefix may not meet University requirements for continuing student status. Undergraduate students may apply up to twenty-four (24) semester units earned through these programs to a baccalaureate degree with departmental approval. Graduate students may apply a maximum of nine (9) units to a graduate degree with departmental approval.

Undergraduate Programs

Certificates

- Alcohol and Drug Counseling, Certificate (p. 497)
- Assistive Technology, Specialist Certificate (p. 497)
- Communication Sciences and Disorders, Certificate (p. 497)
- Community College Teaching, Certificate (p. 498)
- Human Resources Management, Certificate (p. 499)
- Mediation and Conflict Resolution, Certificate (p. 500)
- Production and Inventory Control, Certificate (p. 500)
- Purchasing, Certificate (p. 500)
- Sport and Fitness Psychology, Certificate (p. 501)

Graduate Programs

Credential

- American Language and Culture Program (p. 497)
- Designated Subjects Adult Education, Teaching Credential (p. 499)

Faculty/Staff

Paul Richard, Assistive Technology Coordinator
 John Spruill, Coordinator, Communication Sciences and Disorders Program
 Carman Wimsatt, Community College Teaching Internship Coordinator
 Matthew Luckett, Humanities External Degree Coordinator
 Mark Muller, Orthotics and Prosthetics Coordinator
 Raul Guzman, Director, OSHA Training Education Center
 Milton Krivokuca (Interim), Quality Assurance Degree Coordinator
 Mark Cartiglia, Sport and Fitness Psychology Coordinator
 Fawn Supernaw, Coordinator, Lifelong Learning Programs and Extension Program Development Specialist
 Elena Christova, Director, Special Sessions
 Shirley Jones, Director, Degree and Certificate Partner Programs
 Elisabeth Legge, Director, Extension Programs

Continuing and Profession Education: EE-1300, (310) 243-3737
 Regular and adjunct faculty teach in the programs. This provides a good balance and mix of expertise. Each possesses the appropriate degree,

professional certification and experience. In addition, many of the faculty are nationally recognized leaders in their field.

Alcohol and Drug Counseling, Certificate

Program Description

The Certificate Program consists of eleven courses designed to prepare individuals to enter the field of substance abuse counseling at a professional level. All courses provide extension credit or Continuing Education Units (CEUs) for nurses and teachers, if needed. ADX 300 and ADX 301 courses may be taken on an individual basis without formal entrance into the Certificate Program.

Features

The Alcohol and Drug Counseling Certificate Program provides students with the educational and practical requirements for becoming a Certified Substance Abuse Counselor (CSAC). The practicum courses provide for on-the-job training in a variety of settings. Six courses in the certificate may transfer into the core curriculum of the Bachelor of Arts in Human Services Program.

Preparation

Applicants should have completed at least two years of college or have at least two years of work experience in a health or human service agency. If applicant is a recovering substance abuser, two years of continuous sobriety is required.

Career Possibilities

The program is designed to prepare individuals to enter the field of Alcohol and Drug Counseling at a professional level. The Certificate is widely recognized by alcoholism and substance abuse treatment centers and hospitals.

Requirements (27 units)

Upon satisfactory completion of eleven courses with a 2.5 grade point average, and 300 hours of field work, the student will receive a Certificate as recognition of educational achievement and professional status.

American Language and Culture Program

Program Description

The American Language and Culture Program offers a variety of specialized programs designed to meet the English needs of domestic and international students and professionals. Classes are taught by teachers with extensive international and second language experience. All teachers are certified and/or have a masters degree in second language instruction.

Intensive English Program (IEP)

The IEP offers an eight week intensive English language program five times a year for students with academic or professional goals. The program is designed for those persons wishing to pass the TOEFL for entrance to an American University or for those needing a professional level of English proficiency. The core classes consist of 20 hours a week of grammar, conversation, reading, writing and listening. Optional classes

in pronunciation, TOEFL, computers and others are offered as well. The program has six levels designed to move the student from beginning to advanced in discrete steps. Qualified students from outside the U.S. are eligible for I-20s and student visas.

Worksite and Vocational ESL (VESL)

Working with local businesses and governments ALCP can design and deliver industry specific classes in vocational English and basic skills. Students can also study more advanced management and leadership skills.

Short-Term Adult and Youth Groups

International groups of teenagers, college students and adults can study English, American culture and other areas of interest at CSU Dominguez Hills while staying in on-campus housing. Classes can be combined with tourist activities and excursions. Groups typically visit during the winter and summer breaks. However, programs are available year-round.

English for Specific Purposes

Students and business persons seeking focused instruction in English vocabulary and vernacular specific to a particular industry or vocation can arrange appropriate classes to achieve this end.

Study Abroad America

The American Language and Culture Program coordinates one semester and one year study abroad experiences for international students who wish to study at CSUDH.

Assistive Technology, Specialist Certificate

Program Description

California State University, Dominguez Hills and the Orange County Department of Education offer a Certificate Program in the area of Assistive Technology. Federal and state laws require that school personnel be prepared to offer a full range of services to disabled persons in the area of assistive technology. This certificate program will prepare individuals to fully understand and implement these state and federal mandates. All of the courses offered meet the professional development hours for licensure renewal as required by the California Speech-Language Pathology and Audiology Board.

Who Should Attend

Educational administrators, teachers, and anyone who has the desire or professional need to learn the federal and state requirements for serving the disabled within their organizations.

For program requirements, visit the Assistive Technology Credential page (p. 838) under Special Education.

Communication Sciences and Disorders, Certificate

Mission and Goals Statement

The Certificate program is aligned with the mission of the Human Services Program. This mission is to provide diverse members of the community a university education that focuses on the knowledge and

skills required to help those in need. The goals of the program are to provide a broad interdisciplinary background of the knowledge and skills needed to help improve the quality of life of those in need; to provide the opportunity for specialization in either target populations or methods of intervention; through supervised fieldwork, to provide experience applying academic knowledge and skills in human services organizations.

Program Description

The Certificate in Communication Sciences and Disorders is a pre-professional program offering students the prerequisite knowledge that is required for education leading to a career as a Speech-Language Pathologist. Topics include speech and language development and disorders, relevant anatomy and physiology, audiology and audiometry, phonetic transcription of typical and disordered speech, and other topics as required by the American Speech-Language-Hearing Association and the Commission on Teacher Credentialing in California. Students will be prepared to enter MA/MS programs in Communication Sciences and Disorders or to partially meet state licensure requirements to become a Speech-Language Pathology Assistant.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from the **College of Continuing and Professional Education (310) 243-3741**.

Features

The Certificate in Communication Sciences and Disorders offers classes that meet only in the evening and on Saturdays, which allows students to work full or part time and complete the prerequisite courses required for admission into a graduate program. The program affords students the opportunity to observe certificated, licensed, and credentialed speech and language pathologists in clinical and school settings in the geographic area surrounding the university. The times that courses are offered accommodate students who live outside the immediate geographic area of CSUDH. Students are trained within a cohort model and are mentored throughout the certificate program.

Academic Advisement

Students may call the Coordinator directly at (310) 243-2046.

The website for the Human Services Program is <http://www.csudh.edu/human-development/csd> (<http://www.csudh.edu/human-development/csd/>).

Preparation

Students must hold a BA/BS in a subject area not related to Communication Sciences and Disorders from an accredited institution and have a minimum 3.0 GPA.

Requirements (36 units)

Required Courses

| Code | Title | Hours |
|--------------------|---|-----------|
| CSD 341 | Communication Sciences and Disorders | 3 |
| CSD 342 | Phonetics | 3 |
| CSD 343 | Speech and Language Development | 3 |
| CSD 354 | Anatomy and Physiology of the Speech and Swallowing Mechanism | 3 |
| CSD 355 | Audiology and Audiometry | 3 |
| CSD 356 | Clinical Methods and Procedures | 3 |
| CSD 441 | Speech Science | 3 |
| CSD 442 | Neurology and Neurogenic Disorders | 3 |
| CSD 443 | Disorders of Articulation and Phonology | 3 |
| CSD 454 | Childhood Language Disorders | 3 |
| CSD 455 | Disorders of Voice and Fluency | 3 |
| CSD 456 | Aural Rehabilitation | 3 |
| Total Hours | | 36 |

Community College Teaching, Certificate

Teaching in the community college no longer requires a credential. Since the 1990-91 academic year, most community colleges require faculty to have a master's degree in a discipline currently taught at the community college level.

The Community College Teaching Certificate Program is designed for candidates who are interested in teaching in a community college, or who are new faculty at a community college. The program consists of three courses (8 units), a two unit survey course, a three unit methodology course and a three unit teaching internship at a community college.

Prerequisites

To be eligible for the program, the student must be near completion in a graduate program, possess a master's degree, or be currently employed as a faculty member in a community college.

Teaching in the community college no longer requires a credential. Since the 1990-91 academic year, most community colleges require faculty to have a master's degree in a discipline currently taught at the community college level.

The Community College Teaching Certificate Program is designed for candidates who are interested in teaching in a community college, or who are new faculty at a community college. The program consists of three courses (8 units), a two unit survey course, a three unit methodology course and a three unit teaching internship at a community college.

Prerequisites

To be eligible for the program, the student must be near completion in a graduate program, possess a master's degree, or be currently employed as a faculty member in a community college.

Requirements

1. Required Courses (8 units)

| Code | Title | Hours |
|--------------------|----------------------------|----------|
| GED 548 | Effective College Teaching | 3 |
| GED 549 | The Community College | 2 |
| GED 594 | Independent Study | 3 |
| Total Hours | | 8 |

2. Minimum grade of "B" in all courses in the program

3. Receipt of a master's degree by the time the program is completed

Designated Subjects Adult Education, Teaching Credential

Note: The Designated Subjects Adult Education Teaching Credential Program is no longer accepting new students at this time. For more information, please contact Extended Education Services (310) 243-3741.

The Ryan Designated Subjects Teaching Credential Program is designed for students who meet the preliminary credential requirements and would like to fulfill the requirements for a clear Adult Education Credential as outlined by the Commission on Teacher Credentialing.

Note: The Designated Subjects Adult Education Teaching Credential Program is no longer accepting new students at this time. For more information, please contact Extended Education Services (310) 243-3741.

The Ryan Designated Subjects Teaching Credential Program is designed for students who meet the preliminary credential requirements and would like to fulfill the requirements for a clear Adult Education Credential as outlined by the Commission on Teacher Credentialing.

Requirements for the Two-Level Preliminary Adult Education Teaching Credential

Requirements (15 units)

| Code | Title | Hours |
|-------------------------------------|---|-------|
| Level I Courses ¹ | | |
| TED 418 | Methods and Materials of Adult Education, Part I | 2 |
| TED 419 | Methods and Materials of Adult Education, Part II | 2 |
| TED 421 | Principles Of Adult Education | 2 |
| Level II Courses | | |
| TED 420 | Computer Literacy for Teachers | 1 |
| TED 417 | Seminar In Adult Education | 1 |
| TED 423 | Super Fld Exper. Adult Ed | 2 |
| TED 424 | Counseling and Guidance for Teachers of Adult Education | 2 |

| | | |
|--------------------|----------------------------|-----------|
| HEA 300 | Health in Public Education | 3 |
| Total Hours | | 15 |

¹ Professional clear credential candidates must complete the Level I classes within the first two years of the two-level preliminary credential.

Notes:

- Professional clear credential candidates must complete the Level II classes by the end of the fifth year of the preliminary credential.
- For course descriptions, refer to the Teacher Education section of this catalog.

1.

Human Resources Management, Certificate

Program Description

The Human Resource Management Certificate program provides the knowledge and practical skills for career enhancement and job advancement in Human Resource management. California State University Dominguez Hills is recognized by SHRM to offer Professional Development Credits (PDCs) for the SHRM-CPSM or SHRM-SCPSM. This program is valid for 45 PDCs for the SHRM-CPSM or SHRM-SCPSM. For more information about certification or recertification, please visit www.shrmcertification.org (<http://www.shrmcertification.org/>). The program also provides 45 recertification credits toward PHR (Professional in Human Resources) and SPHR (Senior Professional in Human Resources) re-certification.. The certificate consists of six required courses. Two additional elective courses are included to provide an opportunity for participants to select an area of emphasis. Each course is offered for two extension units of credit.

Program Description

The Human Resource Management Certificate program provides the knowledge and practical skills for career enhancement and job advancement in Human Resource management. California State University Dominguez Hills is recognized by SHRM to offer Professional Development Credits (PDCs) for the SHRM-CPSM or SHRM-SCPSM. This program is valid for 45 PDCs for the SHRM-CPSM or SHRM-SCPSM. For more information about certification or recertification, please visit www.shrmcertification.org (<http://www.shrmcertification.org/>). The program also provides 45 recertification credits toward PHR (Professional in Human Resources) and SPHR (Senior Professional in Human Resources) re-certification.. The certificate consists of six required courses. Two additional elective courses are included to provide an opportunity for participants to select an area of emphasis. Each course is offered for two extension units of credit.

Requirements

- Required Courses (12 units)**
- Electives (2 units)**

Mediation and Conflict Resolution, Certificate

Program Description

The Mediation and Conflict Resolution Certificate Program, a partnership between the College of Continuing and Professional Education and the College of Arts and Humanities, offers the most comprehensive training available in any single-semester program in this fast-growing field.

This certificate program consists of three courses awarding four (4) graduate extension units and actively engages mediation providers in the community to develop opportunities for its students. Participants receive hands-on mediation and conflict resolution training that actively reinforces the classroom training.

Students in the Negotiation, Conflict Resolution and Peacebuilding Masters program at CSUDH will be able to use these courses as electives in their program.

Program Description

The Mediation and Conflict Resolution Certificate Program, a partnership between the College of Continuing and Professional Education and the College of Arts and Humanities, offers the most comprehensive training available in any single-semester program in this fast-growing field.

This certificate program consists of three courses awarding four (4) graduate extension units and actively engages mediation providers in the community to develop opportunities for its students. Participants receive hands-on mediation and conflict resolution training that actively reinforces the classroom training.

Students in the Negotiation, Conflict Resolution and Peacebuilding Masters program at CSUDH will be able to use these courses as electives in their program.

Requirements

Courses

Note: All three courses are to be taken concurrently.

Production and Inventory Control, Certificate

Program Description

This certificate is designed for those who wish to gain a broad education in the principles of supply chain management. Topics covered include: supply chain management, detailed scheduling and planning, material requirements planning, capacity requirements planning, inventory management, supplier planning, procurement, operations execution and control, production processes, quality incentives, inventory control, master planning of resources, forecasting, master scheduling, strategic management of resources, and integrating operating processes into the strategic plan.

Features

Participants in the Supply Chain Management Certificate program have the benefit of being taught by industry professionals. All instructors are nationally certified by APICS and are currently employed in the field of

production and inventory control. Courses are taught at off-campus sites in 13-week trimesters and through Distance Learning.

Career Possibilities

Certificate completers have found employment in aerospace, military, manufacturing, hospitals, retail, and warehouse supervision.

Program Description

This certificate is designed for those who wish to gain a broad education in the principles of supply chain management. Topics covered include: supply chain management, detailed scheduling and planning, material requirements planning, capacity requirements planning, inventory management, supplier planning, procurement, operations execution and control, production processes, quality incentives, inventory control, master planning of resources, forecasting, master scheduling, strategic management of resources, and integrating operating processes into the strategic plan.

Features

Participants in the Supply Chain Management Certificate program have the benefit of being taught by industry professionals. All instructors are nationally certified by APICS and are currently employed in the field of production and inventory control. Courses are taught at off-campus sites in 13-week trimesters and through Distance Learning.

Career Possibilities

Certificate completers have found employment in aerospace, military, manufacturing, hospitals, retail, and warehouse supervision.

Required Courses (15 units)

Courses

PIX 351 Supply Chain Fundamentals

PIX 353 Supply Chain Scheduling

PIX 355 Supply Chain Operations

PIX 357 Supply Chain Planning

PIX 359 Supply Chain Strategies

Purchasing, Certificate

Program Description

This certificate program provides a broad education in the principles of procurement management. Topics covered include cost-price analysis, negotiation, public sector procurement, legal and regulatory considerations, specification, standardization, supply, ethical issues, partnering, total quality procurement, and logistics.

Features

All instructors are industry professionals and are nationally certified by the National Purchasing Association. Courses are taught off campus in a 13-week trimester and through Distance Learning.

Career Possibilities

Individuals successfully completing the certificate program will be prepared for entry and management level positions in procurement in

such areas as aerospace, military, manufacturing, hospitals, retail, and other procurement related fields.

Program Description

This certificate program provides a broad education in the principles of procurement management. Topics covered include cost-price analysis, negotiation, public sector procurement, legal and regulatory considerations, specification, standardization, supply, ethical issues, partnering, total quality procurement, and logistics.

Features

All instructors are industry professionals and are nationally certified by the National Purchasing Association. Courses are taught off campus in a 13-week trimester and through Distance Learning.

Career Possibilities

Individuals successfully completing the certificate program will be prepared for entry and management level positions in procurement in such areas as aerospace, military, manufacturing, hospitals, retail, and other procurement related fields.

Requirements

Courses

PRX 200 Purchasing Fundamentals

PRX 310 Cost-Price Analysis

PRX 330 Public Sector Procurement

PRX 340 Advanced Purchasing Concepts

PIX 351 Supply Chain Fundamentals

Sport and Fitness Psychology, Certificate

Program Description

The online Sport and Fitness Psychology Certificate Program addresses a growing demand for using psychological knowledge to enhance sports performance, teamwork, fitness, and well-being. Five online psychology courses comprise the Sport and Fitness Psychology Certificate Program. Coursework covers principles, research and applications which will expand and enhance participants' skill sets. Courses provide university credit of 3 units each at the 400-level which may be used for graduate-level credit subject to approval of department accepting the units. Students may enroll in individual courses or the certificate program.

Features

Courses in the certificate program are offered online so that participants can access materials, study and complete the assignments anywhere, anytime. The internship course affords an opportunity to practice acquired skills and knowledge in a community near home. A Certificate is provided upon successful completion of program requirements.

Who Should Attend

Coaches, athletes, trainers, fitness instructors, and health professionals and counselors will gain valuable skills from the courses in the Sport and Fitness Psychology Certificate Program.

Career Possibilities

The program is designed to increase knowledge of this developing field, to enhance employability of participants and to advance the careers of those currently employed in sport and fitness occupations.

Requirements

| Code | Title | Hours |
|--------------------|---|-----------|
| PSY 480 | Sport Psychology | 3 |
| PSY 481 | Applied Sport & Fitness Psychology | 3 |
| PSY 482 | Psychology of Coaching and Team-Building | 3 |
| PSY 483 | Contemp Issues in Sports and Fitness Psychology | 3 |
| PSY 486 | Internship in Sport and Fitness Psychology | 3 |
| Total Hours | | 15 |

Note: For course descriptions, refer to the Psychology section of this catalog.

Counseling

College of Education

Division of Graduate Education

Program Description

The Master of Science in Counseling program prepares students for careers in educational counseling settings and is designed to provide a broad conceptual knowledge base and the development of specialized counseling skills applicable to a diversity of student populations and counseling needs. Students choose to concentrate in School or College specializations and are able to concurrently pursue the PPS credential, which is required to work as a School Counselor in the pK-12 public school system. Through a framework of cultural humility and a commitment to justice in education, the program stresses the importance of self-awareness, reflective examination, and interpersonal and professional growth in order to provide a comprehensive preparation in K-16 educational counseling.

The PPS Credential program in School Counseling prepares candidates with the knowledge, skills, and professional dispositions to maximize the developmental potential of culturally diverse student populations in public elementary, middle, and high schools. The program is accredited by the California Commission on Teacher Credentialing to offer both the PPS credential and the Child Welfare and Attendance (CWA) authorization. The optional CWA specialization authorizes specialized counseling services specifically related to student attendance and truancy prevention and remediation.

Pre-Admission Disclosure Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include

evidence of the right to work in the United States (e.g., social security number or taxpayer-identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from the program coordinator.

Admission Requirements

Admission Procedures and Requirements for MS Degree and PPS Credential

All applicants to the program must apply for the Master's degree. In addition to the MS degree, applicants may also select admission to the PPS credential. Applicants to the School Counseling option may also select admission to the College Counseling Certificate.

Admission to the program does not automatically guarantee completion of the degree, fieldwork, credential, or certificate if there are any dispositional, interpersonal, intrapersonal, or psychological difficulties demonstrated that might inhibit the effectiveness of the candidate's role as a counselor.

1. Application to the University and the Counseling Program via Cal State Apply by the February 1 deadline
2. Submission of one official electronic set of transcripts for all undergraduate and any post-graduate work to the CSUDH Admissions Office at: admissions@csudh.edu.
3. The following items are required to be uploaded within the Cal State Apply application:
 - a. Unofficial set of transcripts showing BA degree (from a regionally accredited college or university) and any post-baccalaureate or graduate work.
 - b. A minimum grade point average of 3.0 or better in all undergraduate and if applicable, graduate coursework (or a minimum combined score of 300 on the Graduate Record Examination (GRE) (Revised) Verbal and Quantitative Tests.
 - c. Three professional recommendations from individuals who can evaluate the applicant's potential as a counselor.
 - d. Statement of Purpose (4-5 page minimum).
 - e. Small group interview (if selected).
 - f. A valid Certificate of Clearance or teaching credential.
 - g. A valid TB clearance
 - h. For School Counseling option and PPS credential applicants: verification of meeting the CA Basic Skills Requirement (BSR) will need to be furnished if admitted to the program.

Additional Degree and Credential Requirements

1. The Master of Science degree in Counseling, PPS credential, and College Counseling Certificate require completion of all courses with a "B" or higher.
2. Students must maintain continuous enrollment in the university by enrolling in a programming course or GED 600 every semester.

3. The Culminating Experience/Capstone Requirement includes an action research project, completion of a thesis, or when available, a comprehensive written examination. Students choosing to complete the thesis must seek advisement from the program chair prior to beginning a thesis project.
4. Students must complete all of the requirements for the degree and credential within seven years.
5. Candidates must adhere to all ethical and professional standards required of the university, professional counseling organizations, and accrediting affiliations associated with the degree or credential. Candidates must, at all times, demonstrate high-quality interpersonal skills with faculty, staff, fellow students, and others in their field experiences. If candidates fail to meet this requirement, they are subject to disqualification from the program.
6. Students who have earned their baccalaureate degree outside the U.S. or from a non-English speaking university in the U.S. will need to consult with the CSUDH Testing Office to determine equivalency for the Graduate Writing Assessment Requirement (GWAR).
7. In addition to the major requirements, students must meet all university requirements for the Master's degree indicated in the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies."

Additional Requirements for the PPS Credential in School Counseling

1. Completion of degree requirements and required courses for the MS Counseling, School Counseling option with a "B" or higher.
2. Completion of the California Basic Skills Requirement.

Additional Requirements for the Child Welfare and Attendance Authorization (60 units)

1. Completion of degree requirements and required courses for the MS Counseling, School Counseling option with a "B" or higher.
2. Completion of the PPS credential.
3. Additional 6 units of the following CWA coursework:

| Code | Title | Hours |
|---------|--|-------|
| PPS 557 | Child Welfare and Attendance | 3 |
| PPS 558 | School Attendance Improvement and Truancy Remediation: Prevention and Intervention | 3 |

Conditionally Classified and Classified Standing

Students who satisfy the above requirements of program admission will be admitted as Conditionally Classified. Upon successful completion of PPS 525 Group Dynamics for Personal Growth, students will qualify for Classified Status in the program. Candidates who fail to demonstrate appropriate professional dispositions at any time are subject to disqualification from the program. Should the candidate wish to continue in the program, the program faculty will require the fulfillment of a remediation plan before the candidate can reapply to the program. Re-admittance to the program is not guaranteed.

Graduate Programs

Masters

- Counseling, Master of Science (p. 504)

Certificates

- College Counseling, Certificate (p. 504)

Credentials

- Child Welfare and Attendance Authorization (p. 503)
- School Counseling, Pupil Personnel Credential (p. 505)

Faculty

Gary Rhodes, Department Chair
 Adrieen Mancillas, Program Director
 Jeremy Hart, Margarita Landeros
 Department Office: COE 1420, (310) 243-3524

Emeriti Faculty

Rita Lee, Sean R. Morgan, A. Terry Richardson

Child Welfare and Attendance Authorization

Admission Requirements

Admission Procedures and Requirements for MS Degree and PPS Credential

All applicants to the program must apply for the Master's degree (unless they already hold a Master's degree in Counseling, Psychology, Social Work, or Education and do not wish to pursue a second Master's). In addition to the MS degree, applicants may also select admission to the PPS credential and/or College Counseling Certificate.

Admission to the program does not automatically guarantee completion of the degree, fieldwork, credential, or certificate if there are any dispositional, interpersonal, intrapersonal, or psychological difficulties demonstrated that might inhibit the effectiveness of the candidate's role as a counselor.

1. Application to the University and the Counseling Program via Cal State Apply by the February 1 deadline
2. Submission of one official electronic set of transcripts for all undergraduate and any post-graduate work to the CSUDH Admissions Office at: admissions@csudh.edu.
3. The following items are required to be uploaded within the Cal State Apply application:
 - a. Unofficial set of transcripts showing BA degree (from a regionally accredited college or university) and any post-baccalaureate or graduate work.
 - b. A minimum grade point average of 3.0 or better in all undergraduate and if applicable, graduate coursework (or a minimum combined score of 300 on the Graduate Record Examination (GRE) (Revised) Verbal and Quantitative Tests.
 - c. Three professional recommendations from individuals who can evaluate the applicant's potential as a counselor.
 - d. Statement of Purpose (4-5 page minimum).
 - e. Small group interview (if selected).

- f. A valid Certificate of Clearance or teaching credential.
- g. A valid TB clearance
- h. For School Counseling applicants: verification of meeting the CA Basic Skills Requirement (BSR) will need to be furnished if admitted to the program.

Additional Degree and Credential Requirements

1. The Master of Science degree in Counseling, PPS credential, and College Counseling Certificate require completion of all courses with a "B" or higher.
2. Students must maintain continuous enrollment in the university by enrolling in a programming course or GED 600 every semester.
3. The Culminating Experience/Capstone Requirement includes a choice between the comprehensive written examination (within PPS 560) or the completion of a thesis. Students choosing to complete the thesis must seek advisement from the program chair prior to beginning a thesis project.
4. Students must complete all of the requirements for the degree and credential within seven years.
5. Candidates must adhere to all ethical and professional standards required of the university, professional counseling organizations, and accrediting affiliations associated with the degree or credential. Candidates must, at all times, demonstrate high-quality interpersonal skills with faculty, staff, fellow students, and others in their field experiences. If candidates fail to meet this requirement, they are subject to disqualification from the program.
6. Students who have earned their baccalaureate degree outside the U.S. or from a non-English speaking university in the U.S. will need to consult with the CSUDH Testing Office to determine equivalency for the Graduate Writing Assessment Requirement (GWAR). If the GWAR has not been met, then it must be satisfied in the first semester of studies.
7. In addition to the major requirements, students must meet all university requirements for the Master's degree indicated in the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies."

ADDITIONAL REQUIREMENTS FOR THE CHILD WELFARE AND ATTENDANCE AUTHORIZATION (60 UNITS)

1. Completion of degree requirements and required courses for the MS Counseling, School Counseling option with a "B" or higher.
2. Completion of the PPS credential.
3. Additional 6 units of the following CWA coursework:

Requirements

| Code | Title | Hours |
|---------|--|-------|
| GED 500 | Research Methods in Education | 3 |
| PPS 501 | Leadership in School and College Counseling | 3 |
| PPS 505 | Human Diversity | 3 |
| PPS 508 | Law and Ethics in Educational Counseling | 3 |
| PPS 512 | Consultation and Collaboration in Counseling | 3 |
| PPS 515 | Counseling Theories | 3 |
| PPS 520 | Program Development and Evaluation in Counseling | 3 |
| PPS 525 | Group Dynam Pers Growth | 3 |
| PPS 530 | Sem Tech of Indiv Counsel | 3 |

| | | |
|--------------------|--|-----------|
| PPS 535 | Seminar in Career and Academic Counseling | 3 |
| PPS 540 | Sem: Tech Group Counsl | 3 |
| PPS 545 | Couns Childrn Youth & Familes | 3 |
| PPS 550 | Crisis Intervention in Educational Settings | 3 |
| PPS 554 | School Counseling Practicum | 3 |
| PPS 557 | Child Welfare and Attendance | 3 |
| PPS 558 | School Attendance Improvement and Truancy Remediation: Prevention and Intervention | 3 |
| PPS 575 | Fieldwork in School Counseling | 6 |
| Total Hours | | 54 |

College Counseling, Certificate

The Certificate in College Counseling consists of seven courses that focus on counseling within community colleges and universities, including 300 hours of field-based counseling work. The Certificate is designed for School Counseling program students who also wish to obtain experience in College Counseling and is not a stand-alone certificate.

The Certificate in College Counseling consists of seven courses that focus on counseling within community colleges and universities, including 400 hours of field-based counseling work. The Certificate is designed for School Counseling program students who also wish to obtain experience in College Counseling and is not a stand-alone certificate.

Requirements

| Code | Title | Hours |
|--------------------|---|-----------|
| PPS 501 | Leadership in School and College Counseling | 3 |
| PPS 530 | Sem Tech of Indiv Counsel | 3 |
| PPS 535 | Seminar in Career and Academic Counseling | 3 |
| PPS 536 | Foundations of College Counseling | 3 |
| PPS 537 | College Counseling Practicum | 3 |
| PPS 538 | Fieldwork in College Counseling | 3 |
| PPS 550 | Crisis Intervention in Educational Settings | 3 |
| Total Hours | | 21 |

Counseling, Master of Science

CIM Program Requirements

Admission Requirements

Admission Procedures and Requirements for MS Degree and PPS Credential

All applicants to the program must apply for the Master's degree. If applicants already hold a Master's or Doctoral degree in Counseling, Psychology, Social Work, or Education and do not wish to pursue a second Master's, the degree objective can be modified to PPS only after admission. In addition to the MS degree, applicants may also select admission to the PPS credential and/or College Counseling Certificate.

Admission to the program does not automatically guarantee completion of the degree, fieldwork, credential, or certificate if there are any dispositional, interpersonal, intrapersonal, or psychological difficulties

demonstrated that might inhibit the effectiveness of the candidate's role as a counselor.

1. Application to the University and the Counseling Program via Cal State Apply by the February 1 deadline
2. Submission of one official electronic set of transcripts for all undergraduate and any post-graduate work to the CSUDH Admissions Office at: admissions@csudh.edu.
3. The following items are required to be uploaded within the Cal State Apply application:
 - a. Unofficial set of transcripts showing BA degree from a regionally accredited college or university and any post-baccalaureate or graduate work. BA degree must post by the spring term prior to admission.
 - b. A minimum grade point average of 3.0 or better in all undergraduate and if applicable, graduate coursework (or a minimum combined score of 300 on the Graduate Record Examination (GRE) (Revised) Verbal and Quantitative Tests.
 - c. Three professional recommendations from individuals who can evaluate the applicant's potential as a counselor.
 - d. Statement of Purpose (4-5 page minimum).
 - e. Small group interview (if selected).
 - f. A valid Certificate of Clearance or teaching credential.
 - g. A valid TB clearance
 - h. For School Counseling applicants: verification of meeting the CA Basic Skills Requirement (BSR) will need to be furnished if admitted to the program.

Additional Degree and Credential Requirements

1. The Master of Science degree in Counseling, PPS credential, and College Counseling Certificate require completion of all courses with a "B" or higher.
2. Students must maintain continuous enrollment in the university by enrolling in a programming course or GED 600 every semester.
3. The Culminating Experience/Capstone Requirement includes an action research project or the completion of a thesis. Students choosing to complete the thesis must seek advisement from the program chair prior to beginning a thesis project.
4. Students must complete all of the requirements for the degree and credential within seven years.
5. Candidates must adhere to all ethical and professional standards required of the university, professional counseling organizations, and accrediting affiliations associated with the degree or credential. Candidates must, at all times, demonstrate high-quality interpersonal skills with faculty, staff, fellow students, and others in their field experiences. If candidates fail to meet this requirement, they are subject to disqualification from the program.
6. Students who have earned their baccalaureate degree outside the U.S. or from a non-English speaking university in the U.S. will need to consult with the CSUDH Testing Office to determine equivalency for the Graduate Writing Assessment Requirement (GWAR). If the GWAR has not been met, then it must be satisfied in the first semester of studies.
7. In addition to the major requirements, students must meet all university requirements for the Master's degree indicated in the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies."

ADDITIONAL REQUIREMENTS FOR THE PPS CREDENTIAL IN SCHOOL COUNSELING

1. Completion of degree requirements and required courses for the MS Counseling, School Counseling option with a "B" or higher.
2. Completion of the California Basic Skills Requirement.

ADDITIONAL REQUIREMENTS FOR THE CHILD WELFARE AND ATTENDANCE AUTHORIZATION

1. Completion of degree requirements and required courses for the MS Counseling, School Counseling option with a "B" or higher.
2. Completion of the PPS credential.
3. Additional 6 units of the following CWA coursework: PPS 557 and PPS 558.

Requirements

Master of Science in Counseling Core Requirements:

- GED 500 Research Methods in Education 3
- PPS 501 Leadership in School and College Counseling 3
- PPS 505 Human Diversity 3
- PPS 508 Law and Ethics in Educational Counseling 3
- PPS 515 Counseling Theories 3
- PPS 520 Program Development and Evaluation in Counseling 3
- PPS 525 Group Dynam Personal Growth 3
- PPS 530 Seminar: Techniques of Individual Counseling 3
- PPS 535 Seminar: Career and Academic Counseling 3
- PPS 540 Seminar: Technique of Group Counseling 3
- PPS 550 Crisis Intervention in Educational Settings 3

Plus one of the following Options:

School Counseling Option: Total Hours 51-54

College Counseling Option: Total Hours 48-51

School Counseling Option

| Code | Title | Hours |
|-------------------------------------|--|--------------|
| Required Specialized Courses | | |
| PPS 512 | Consultation and Collaboration in Counseling | 3 |
| PPS 545 | Comprehensive School Counseling | 3 |
| PPS 554 | School Counseling Practicum | 3 |
| PPS 575 | Fieldwork in School Counseling | 6 |
| Capstone | | |
| PPS 560 or GED 599 | MS Counseling Capstone Requirement Thesis | 3-6 |
| Total Hours | | 18-21 |

College Counseling Option

| Code | Title | Hours |
|-------------------------------------|--|-------|
| Required Specialized Courses | | |
| PPS 536 | Foundations of College Counseling | 3 |
| PPS 537 | College Counseling Practicum | 3 |
| PPS 538 | Fieldwork in College Counseling | 3 |
| Electives | | |
| Select one of the following: | | 3 |
| PPS 512 | Consultation and Collaboration in Counseling | |
| PPS 545 | Comprehensive School Counseling | |

| | | |
|--------------------|---|--------------|
| PPS 554 | School Counseling Practicum | |
| Capstone | | |
| PPS 560 or GED 599 | MS Counseling Capstone Requirement Thesis | 3-6 |
| Total Hours | | 15-18 |

- Knowledge Base: Students will demonstrate a broad knowledge base in Counseling, including a complex understanding of the challenges most typical to students in schools and colleges and how to intervene to improve student success.
- Independent Performance: Students will independently demonstrate the role of a school or college counselor in regards to improving student success.
- Advanced Writing: Students will demonstrate advanced writing skills reflective of styles predominant in the Counseling discipline at a graduate level.
- Professional Conduct: Students will demonstrate a critical understanding of ethical and professional behavior, including the importance of reflective practice and the process to counselor growth and skill.
- Development of Profession: Students will demonstrate professional counselor leadership that reflects a commitment to social justice and equity.

School Counseling, Pupil Personnel Credential Requirements

| Code | Title | Hours |
|--------------------|--|-----------|
| GED 500 | Research Methods in Education | 3 |
| PPS 501 | Leadership in School and College Counseling | 3 |
| PPS 505 | Human Diversity | 3 |
| PPS 508 | Law and Ethics in Educational Counseling | 3 |
| PPS 512 | Consultation and Collaboration in Counseling | 3 |
| PPS 515 | Counseling Theories | 3 |
| PPS 520 | Program Development and Evaluation in Counseling | 3 |
| PPS 525 | Group Dynam Pers Growth | 3 |
| PPS 530 | Sem Tech of Indiv Counsel | 3 |
| PPS 535 | Seminar in Career and Academic Counseling | 3 |
| PPS 540 | Sem: Tech Group Counsl | 3 |
| PPS 545 | Couns Childrn Youth & Familes | 3 |
| PPS 550 | Crisis Intervention in Educational Settings | 3 |
| PPS 554 | School Counseling Practicum | 3 |
| PPS 575 | Fieldwork in School Counseling | 6 |
| Total Hours | | 48 |

Criminal Justice Administration

College of Business Administration and Public Policy
 School of Public Service and Justice
 Criminal Justice Administration Program

Features

The Bachelor of Science in Criminal Justice Administration is designed to provide students with a high quality and affordable education. Students will be engaged in education that promotes public service and social justice through scientific research and critical analysis of criminal justice policies and laws. The degree provides students with opportunities to consider a career in public, non-profit, and private sector professions, as well as in federal, state, and local agencies in the field of criminal justice administration and related public services. The degree also prepares students for graduate and professional education in criminal justice studies, criminology, law, and public policy.

The degree program requires: the completion of two lower-division required courses common to all students in the Department of Criminal Justice Administration:

1. completion of a set of upper-division core courses common to all Criminal Justice Administration students; and
2. four elective courses.

The Bachelor of Science in Criminal Justice Administration Degree is a single-field major, which means that students are not required to complete a minor for graduation.

The **Minor in Criminal Justice Administration** is designed to provide a basic foundation in Criminal Justice Administration. The minor is especially appropriate for students who major in the Social and Behavioral Sciences. It is an attractive option for students with majors in fields that lead to employment in the public, non-profit, and private sector professions, as well as in federal, state, and local agencies in the field of criminal justice administration and related public services.

Academic and Career Advisement

Candidates for the Bachelor of Science (BS) degree receive academic advisement for designing and completing their program of study. Professional academic advisement can be obtained from CBAPP Student Success Center. Undergraduate students seeking career advisement should contact department faculty, who are available to discuss Criminal Justice Administration career options.

Preparation Undergraduate

High school students should take college preparatory courses in English and mathematics in the social and natural sciences.

Students taking their first two years of study at a community college are advised to complete lower-division general education requirements.

Graduation with Honors

A student may be a candidate for graduation with Honors in Criminal Justice Administration by meeting the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Possibilities

The job opportunities for students in criminal justice administration include employment in the public, non-profit, and private sector

professions, as well as in federal, state, and local agencies in the field of criminal justice administration and related public services.

The degree also prepares students for graduate and professional education in criminal justice studies, criminology, law, and public policy.

Undergraduate Programs

Bachelor

- Criminal Justice Administration, Bachelor of Science (p. 508)

Minor

- Criminal Justice Administration, Minor (p. 511)

Faculty

Elena Kulikov, Department Chair

Gus Martin, CJA Program Chair

Diego Avalos, Shari Berkowitz, Sarah Britto, Theodore P. Byrne, Gabriela Gonzalez-Martinez, Elena Kulikov, Jennifer Macy, Marie Palladini

Academic Advisement and Student Services

The CBAPP Student Success Center provides undergraduate student services regarding major advisement, scheduling an appointment with an advisor, registration issues, permission numbers, petitions, add/drop, and change of major/minor, etc.

Office: II 1100 and 3400, Phone: (310) 243-3561

Website: <https://www.csudh.edu/cbapp/student-services/student-support/>

Faculty Support and Faculty Office Hours

Faculty office hours can be viewed on our website. Additional support is available with faculty office hours, contacting faculty, classroom changes, etc.

Of#ce: II 4524 and 4526, Phone: (310) 243-3548
Website: www.csudh.edu/cbapp/faculty-support (<https://www.csudh.edu/cbapp/faculty-support/>)

Emeriti Faculty

Mary Auth, Iris Baxter, Justine Bell, Gary Colboth, David J. Karber

Courses

CJA 339. Research Methods and Communication in Criminal Justice Administration. (3 Units)

Presents an overview of the fundamentals of research design in criminal justice. Students will learn how to design, conduct, and communicate ethical scientific research. A focus will be placed on academic writing and oral communication as an iterative process. This is a GWAR certifying course.

Offered Fall, Spring

CJA 340. Crim Justice & Community. (3 Units)

Political, cultural, and social environment of criminal justice administration; police community relations; accountability of criminal justice agencies to the political and legal order.

Offered Fall, Spring

CJA 341. Statistics in Criminal Justice Administration. (3 Units)

Prerequisites: MAT 105 (<https://catalog.csudh.edu/search/?P=MAT%20105>), MAT 131 (<https://catalog.csudh.edu/search/?P=MAT%20131>), MAT 132 (<https://catalog.csudh.edu/search/?P=MAT%20132>) or MAT 195 (<https://catalog.csudh.edu/search/?P=MAT%20195>) is required. Explores statistical procedures used for the analysis of data by criminal justice professionals. Instruction on the most commonly used applications of statistical analysis in the administration of justice, including review of mathematics and statistical functions and the use of statistics by criminal justice decision makers. An introduction to computer applications will also be provided.

Offered Fall, Spring

CJA 342. Legal and Ethical Foundations of Justice in Criminal Justice Administration. (3 Units)

Local, state, and federal judicial systems; constitutional, judicial and legislative influences on the administration of justice.

Offered Fall, Spring

CJA 344. Theories of Crime and Criminal Justice Policy. (3 Units)

Examines theories of crime and criminal justice policy. Covers definitions of crime, its measurement, and patterns across time and place. This is used to evaluate historical and contemporary politics in criminal justice administration.

Offered Fall, Spring

CJA 423. Administrative Law. (3 Units)

Role and nature of administrative law, procedural requirements and judicial review of administrative actions, safeguards against arbitrary action, delegation of legislative power, legal principles and trends in the development of public administration.

Offered Fall, Spring

CJA 443. Criminal Law & Justice Admin. (3 Units)

Examination of the law of criminal culpability, parties to crime, defenses, and sentencing issues. Critical analysis of types of crime, elements of specific crimes, theories of criminal law, and issues pertaining to its application by the criminal justice system.

Offered Fall, Spring

CJA 444. Juvenile Justice Process. (3 Units)

Examination of the administration of juvenile justice, including juvenile justice policies and procedures, and components of the juvenile justice system. Critical analysis of the theory and dynamics of how the juvenile justice system responds to juvenile issues, including delinquent behavior.

Offered Fall, Spring

CJA 445. Policing & Admin. of Justice. (3 Units)

Examination of policing in the United States. Critical analysis of theories of policing, police administration, and police obligations and

responsibilities under the law. Analysis of historical and contemporary approaches to police-community relations.

Offered Fall, Spring

CJA 446. Terrorism & Extremism. (3 Units)

Examination of contemporary terrorism and extremism. Critical analysis of terrorist behavior, typologies of terrorism, and extremism as a foundation for terrorist behavior. Analysis of the role of law enforcement and other public administrative agencies.

Offered Fall, Spring

CJA 447. Corrections Administration and Policy. (3 Units)

Explores the history, organization, administration and effects of institutional and community corrections in the United States and abroad. Critically examines the development and implementation of correctional administration through analysis of policy and practice at each level.

Offered Fall, Spring

CJA 448. Forensic Science. (3 Units)

Examines the scientific basis of forensic science techniques. Students will learn to think critically about forensic science, and the legal and ethical considerations that come with relying on forensic science evidence in the courtroom

Offered Fall, Spring

CJA 449. Investigative Interviewing, Interrogation and Lie Detection. (3 Units)

Scientific research is informing and transforming the practice of investigative interviewing, interrogation, and lie detection. This course reviews this research and the ethical considerations and legal decisions of this work as applied to the practice of criminal justice administration.

Offered Fall, Spring

CJA 450. Eyewitness Evidence and the Law. (3 Units)

Criminal Justice administrators are commonly tasked with collecting and assessing eyewitness evidence. Course focuses on the scientific research of eyewitness testimony and the legal decisions on eyewitness evidence as applied to the practice of criminal justice administration.

Offered Fall, Spring

CJA 451. Intelligence and National Security. (3 Units)

Explores the history, function, principles, policy guidelines and methods of collecting intelligence. Central to this course is the use of intelligence in the United States regarding homeland security, cybersecurity, terrorism, and organized crime investigations.

Offered Fall, Spring

CJA 452. Homeland Security. (3 Units)

Introduces students to the homeland security environment in the United States. Emphasis is placed on policies and systems designated to prevent, respond to, and mitigate incidents. Discussions critically assess how governments and homeland security agencies respond to domestic threats.

Offered Fall, Spring

CJA 460. Gender, Race and the Administration of Justice. (3 Units)

Examines the relationship between race/ethnicity, gender, crime, and the criminal justice system, including resulting disparities. We analyze traditional and critical theories of crime, system policies and practices, and the system as a place of work.

Offered Fall, Spring

CJA 490. Capstone in Criminal Justice Administration. (3 Units)

Prerequisites: CJA 339 (<https://catalog.csudh.edu/search/?P=CJA%20339>), CJA 340 (<https://catalog.csudh.edu/search/?P=CJA%20340>), CJA 342 (<https://catalog.csudh.edu/search/?P=CJA%20342>), and CJA 344 (<https://catalog.csudh.edu/search/?P=CJA%20344>) are required. CJA 341 (<https://catalog.csudh.edu/search/?P=CJA%20341>), CJA 443 (<https://catalog.csudh.edu/search/?P=CJA%20443>), CJA 444 (<https://catalog.csudh.edu/search/?P=CJA%20444>) and CJA 447 (<https://catalog.csudh.edu/search/?P=CJA%20447>) are recommended. The capstone experience synthesizes the CJA student's experience at CSUDH. Integrates CJA coursework with a 120-hour semester-long internship in criminal justice administration. The course provides students with an opportunity to directly apply the knowledge gained in the CJA program to the criminal justice system.

Offered Fall, Spring, Summer

CJA 495. Special Topics in Criminal Justice Administration. (1-3 Units)

Prerequisite: Consent of instructor. An intensive study of an issue, concept or technique that is related to criminal justice administration. Repeatable course.

Offered Fall, Spring

Offered Fall, Spring

CJA 540. Adv. Criminal Justice Issues. (3 Units)

This course will introduce students to advance issues relating to the administration of justice from the perspective of the American criminal justice system. Emphasis will be placed on policy concerns, crime and its causes, the structure of the criminal justice system, and criminal justice procedures. Special issues in criminal justice will also be reviewed.

Offered Infrequent

CJA 563. Administrative Law, Policy and Analysis. (3 Units)

This course shall define the scope and boundaries of administrative law within the context of public policy. It will introduce students to major constitutional issues underlying administrative law bodies at the federal, state, and local levels of government.

Offered Fall, Spring

CJA 565. Issues in Police Administration and Ethics. (3 Units)

Examination of policing in the US. Critical analysis of theories of policing, police administration, police obligations, ethics, and responsibilities under the law. Analysis of historical / contemporary approaches to ethical community relations.

Offered Fall, Spring

CJA 566. Issues in Homeland Security and Terrorism. (3 Units)

This course will introduce students to contemporary issues in homeland security and terrorism. Emphasis will be placed on foundations of homeland security, threats and vulnerabilities, preparedness / response / recovery, and evolving issues.

Offered Fall, Spring

CJA 595. Special Topics in Criminal Justice Administration. (1-3 Units)

Prerequisite: Graduate standing. Intensive study of a specialized area or contemporary issues in Criminal Justice Administration (e.g. Homeland Security, Emergency Management, CJA Debates). Three hours of seminar per week. Repeatable course.

Offered Fall, Spring

CJA 596. Internship Practicum. (3 Units)

Prerequisite: Consent of MPA program coordinator. Supervised internship working with a cooperating government agency in a function germane to public administration. Sessions are held to discuss and analyze the problems with which interns are concerned. A written project related to the internship is required. CR/NC grading.

Offered Fall, Spring

Criminal Justice Administration, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (51 units)

Students may select one of the concentrations listed. All candidates for this degree require the following courses or one of their approved transfer equivalents.

Common Core Requirements (42 units)

| Code | Title | Hours |
|--|----------------------------|-------|
| Lower Division Required Courses | | |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |

Select one of the following: 3

| | | |
|---------|---|---|
| MAT 105 | Finite Mathematics | 3 |
| MAT 131 | Elementary Statistics and Probability | |
| MAT 132 | Statistics and Probability with Support | |
| MAT 195 | Selected Topics in Mathematics | |

Upper Division Required Courses

| | | |
|------------|---|---|
| PUB 300 | Foundations of Public Administration | 3 |
| CJA 339 | Research Methods and Communication in Criminal Justice Administration | 3 |
| CJA 340 | Crim Justice & Community | 3 |
| CJA 341 | Statistics in Criminal Justice Administration | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| CJA 344 | Theories of Crime and Criminal Justice Policy ¹ | 3 |
| or SOC 368 | Criminology | |
| CJA 443 | Criminal Law & Justice Admin | 3 |
| CJA 444 | Juvenile Justice Process | 3 |
| CJA 445 | Policing & Admin. of Justice | 3 |
| CJA 447 | Corrections Administration and Policy ² | 3 |
| or SOC 364 | Corrections | |
| CJA 460 | Gender, Race and the Administration of Justice | 3 |
| CJA 490 | Capstone in Criminal Justice Administration ³ | 3 |

Electives

Select a total of four courses from the following: 12

| | | |
|---------|---|--|
| CJA 423 | Administrative Law | |
| CJA 446 | Terrorism & Extremism | |
| CJA 448 | Forensic Science | |
| CJA 449 | Investigative Interviewing, Interrogation and Lie Detection | |
| CJA 450 | Eyewitness Evidence and the Law | |
| CJA 451 | Intelligence and National Security | |
| CJA 452 | Homeland Security | |
| NCR 541 | Restorative Justice&Peacblng ⁴ | |
| PUB 302 | Public Financial Administration | |
| PUB 303 | Public Personnel Administration | |
| PUB 494 | Independent Study ⁵ | |
| SOC 362 | Gangs and Adolescent Subcultures | |
| SOC 364 | Corrections | |
| SOC 365 | Deviant Behavior | |
| SOC 368 | Criminology | |
| SOC 369 | Juvenile Delinquency | |

Total Hours 54

¹ SOC 368 Criminology may be substituted for CJA 344 Theories of Crime and Criminal Justice Policy.

² SOC 364 Corrections may be substituted for CJA 447 Corrections Administration and Policy.

³ Taken after completion of four (4) core courses

⁴ Open to seniors only.

⁵ May be taken after completion of four (4) courses.

Students may select one of the concentrations listed below:

Homeland Security Studies Concentration (12 units)

| Code | Title | Hours |
|---|---|-------|
| Required Courses | | |
| CJA 446 | Terrorism & Extremism | 3 |
| CJA 451 | Intelligence and National Security | 3 |
| CJA 452 | Homeland Security | 3 |
| Select one additional course from the following choices: | | |
| CJA 423 | Administrative Law | 3 |
| CJA 448 | Forensic Science | 3 |
| CJA 449 | Investigative Interviewing, Interrogation and Lie Detection | 3 |
| CJA 450 | Eyewitness Evidence and the Law | 3 |
| NCR 541 | Restorative Justice&Peacblng ¹ | 3 |
| PUB 302 | Public Financial Administration | 3 |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 324 | Analytic Decision-Making | 3 |
| PUB 494 | Independent Study ² | 1-3 |
| POL 310 | Current Issues in American Government | 3 |
| POL 360 | American Constitutional Law: Distribution of Power | 3 |
| SOC 362 | Gangs and Adolescent Subcultures | 3 |
| SOC 364 | Corrections | 3 |
| SOC 365 | Deviant Behavior | 3 |
| SOC 368 | Criminology | 3 |
| SOC 369 | Juvenile Delinquency | 3 |

Total Hours 55-57

¹ Open to seniors only

² May be taken after completion of four (4) core courses.

- Demonstrate familiarity with the major concepts, theoretical perspectives, research, and case law in criminal justice administration.
- Demonstrate critical thinking and skeptical inquiry in their analysis of problems and potential solutions related to criminal justice administration.
- Understand and assess the role of diversity and multicultural perspectives in the policies, practices, and culture of criminal justice administration.
- Present well-organized and well-supported arguments in both written and oral formats.
- Analyze and evaluate social justice issues and ethical decision-making in criminal justice administration.
- Identify, access, utilize, and evaluate various forms of information.

Criminal Justice Degree Roadmap

4- Year Roadmap

| First Year | Hours |
|--|-------|
| Fall | |
| GE Area A2 Written Communication | 3 |
| MAT 105, MAT 131, MAT 132, or MAT 195 GE Area B4 Quantitative Reasoning and Problem Solving) | 3 |
| GE Area C1 Arts | 3 |

| | |
|--|------------|
| GE Area D1 Perspectives on Individuals, Groups and Society | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |
| Hours | 15 |
| Spring | |
| HIS 101 History Of United States | 3 |
| GE Area B2 Life Science | 3 |
| GE Area C2 Letters | 3 |
| Additional GE Area C1 or C2 | 3 |
| GE Area D2 Global and Historical Perspectives | 3 |
| Hours | 15 |
| Second Year | |
| Fall | |
| GE Area A1 Oral Communication | 3 |
| GE Area B1 Physical Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| GE Area A3 Logical/Critical Reasoning | 3 |
| GE Area F Ethnic Studies | 3 |
| Elective to meet 120 units | 2 |
| Hours | 15 |
| Spring | |
| CIS 270 Info Sys/Tech Fundamentals | 3 |
| CJA 339 Research Methods and Communication in Criminal Justice Administration (Satisfies GWAR Requirement) | 3 |
| CJA 340 Crim Justice & Community | 3 |
| POL 101 American Institutions | 3 |
| PUB 300 Foundations of Public Administration | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| CJA 341 Statistics in Criminal Justice Administration | 3 |
| CJA 342 Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| CJA 344 Theories of Crime and Criminal Justice Policy | 3 |
| CJA 460 Gender, Race and the Administration of Justice | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Hours | 15 |
| Spring | |
| CJA 443 Criminal Law & Justice Admin | 3 |
| CJA 445 Policing & Admin. of Justice | 3 |
| CJA 447 Corrections Administration and Policy | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| CJA 444 Juvenile Justice Process | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Major Elective | 3 |
| Major Elective | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Spring | |
| CJA 490 Capstone in Criminal Justice Administration | 3 |
| Major Elective | 3 |
| Major Elective | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| | | |
|---|--|-----------|
| First Year | | |
| Fall | | |
| PUB 300 | Foundations of Public Administration | 3 |
| CJA 339 | Research Methods and Communication in Criminal Justice Administration (Satisfies GWAR Requirement) | 3 |
| CJA 340 | Crim Justice & Community | 3 |
| Major Elective | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| CJA 341 | Statistics in Criminal Justice Administration | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| CJA 344 | Theories of Crime and Criminal Justice Policy | 3 |
| CJA 460 | Gender, Race and the Administration of Justice | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| CJA 443 | Criminal Law & Justice Admin | 3 |
| CJA 445 | Policing & Admin. of Justice | 3 |
| CJA 447 | Corrections Administration and Policy | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| CJA 444 | Juvenile Justice Process | 3 |
| CJA 490 | Capstone in Criminal Justice Administration | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Criminal Justice: Homeland Security Studies

4- Year Roadmap

| Course | Title | Hours |
|---|--------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 | History Of United States | 3 |
| GE Area B2 Life Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |

| | |
|--|------------|
| GE Area F Ethnic Studies | 3 |
| Elective to meet 120 units | 2 |
| Hours | 15 |
| Spring | |
| POL 101 American Institutions | 3 |
| CIS 270 Info Sys/Tech Fundamentals | 3 |
| PUB 300 Foundations of Public Administration | 3 |
| CJA 339 Research Methods and Communication in Criminal Justice Administration (Satisfies GVAR Requirement) | 3 |
| CJA 340 Crim Justice & Community | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| CJA 341 Statistics in Criminal Justice Administration | 3 |
| CJA 342 Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| CJA 460 Gender, Race and the Administration of Justice | 3 |
| Major Elective | 3 |
| Hours | 15 |
| Spring | |
| CJA 344 Theories of Crime and Criminal Justice Policy | 3 |
| CJA 443 Criminal Law & Justice Admin | 3 |
| CJA 445 Policing & Admin. of Justice | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| CJA 447 Corrections Administration and Policy | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Major Elective | 3 |
| Elective to meet 120 units | 3 |
| CJA 444 Juvenile Justice Process | 3 |
| Hours | 15 |
| Spring | |
| Major Elective | 3 |
| Major Elective | 3 |
| CJA 490 Capstone in Criminal Justice Administration | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| CIS 270 | Info Sys/Tech Fundamentals (if needed) | 3 |
| Lower Division CJA Math (if needed) | | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| CJA 339 | Research Methods and Communication in Criminal Justice Administration | 3 |
| CJA 340 | Crim Justice & Community | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| CJA 341 | Statistics in Criminal Justice Administration | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| CJA 344 | Theories of Crime and Criminal Justice Policy | 3 |

| | | |
|---|--|---|
| Major Elective | 3 | |
| Hours | 15 | |
| Second Year | | |
| Fall | | |
| CJA 443 | Criminal Law & Justice Admin | 3 |
| CJA 445 | Policing & Admin. of Justice | 3 |
| CJA 447 | Corrections Administration and Policy | 3 |
| CJA 460 | Gender, Race and the Administration of Justice | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 | |
| Hours | 15 | |
| Spring | | |
| CJA 444 | Juvenile Justice Process | 3 |
| CJA 490 | Capstone in Criminal Justice Administration | 3 |
| Major Elective | 3 | |
| Major Elective | 3 | |
| GE Area C3 Integrative Studies in the Humanities | 3 | |
| Hours | 15 | |
| Total Hours | 60 | |

Criminal Justice Administration, Minor Requirements

| Code | Title | Hours |
|--|---|-----------|
| CJA 340 | Crim Justice & Community | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| Students must complete three additional courses in Criminal Justice Administration, to be chosen from the following courses with the assistance of an advisor: | | 9 |
| CJA 341 | Statistics in Criminal Justice Administration | |
| CJA 423 | Administrative Law | |
| CJA 443 | Criminal Law & Justice Admin | |
| CJA 444 | Juvenile Justice Process | |
| CJA 445 | Policing & Admin. of Justice | |
| CJA 446 | Terrorism & Extremism | |
| NCR 541 | Restorative Justice&Peacblng ¹ | |
| Total Hours | | 15 |

¹ Open to seniors only.

Cyber Security

College of Natural and Behavioral and Sciences
Department of Computer Science

Program Description

The Master of Science in Cyber Security program is designed to provide professional preparation for private, public and non-profit sector professionals in the field of cyber security. The curriculum delivered in an accelerated 18-month cohort model, requires completion of six (6) core and four (4) elective courses. The program culminates with a cyber-security research project supervised by a faculty member. The purpose of the Master of Science in Cyber Security program is to prepare students for professional careers in cyber security. The program aims to provide a learning experience for the students to develop technical skills in protecting IT infrastructures, operating system, and networks

from intentional and unintentional information security breaches. The curriculum learning outcomes are designed for the acquisition of advanced expertise in the area of cyber security, including the protection of computers, networks, programs from unauthorized access, alteration or damage of data. The program's strengths include a robust academic curriculum, high quality expert instructors, accelerated format (18-month model); and affordability. The Master of Science I Cyber Security will position its graduates to become leaders in the field of cyber security. Classes are scheduled to accommodate late afternoon, evening, and weekend classes.

Admission Procedures

The following materials are required for admission review by the submission deadline:

Please note that the cut-off dates for Admission to the Fall Term is July 1, with the complete package of materials (application, transcripts and other required documents) due by August 1. For the Spring Term, the deadline for completed applications is November 15, and the deadline for materials is December 1. If you do not meet these deadlines, you will need to re-apply with a new application for the next term.

- Apply via Cal State Apply #
- Contact your previous college(s) to request official transcripts. Applicants must provide an official transcript from each postsecondary institution attended (post-baccalaureate course work included) be sent to the Admissions Office at admit@csudh.edu. If the institution providing the transcript can only mail the transcript, mail it to:
Admissions Office CSU Dominguez Hills
1000 E. Victoria Street
Carson, CA 90747
- Send two letters of support and a Statement of Purpose (why you want to be in the program) for your application to the program coordinator at: MSCY@csudh.edu.

Admission Requirements

The following general requirements must be met to be admitted to the program:

- A bachelor's degree from a regionally accredited college or university
- Good standing at the last institution
- A grade point average (GPA) of at least 2.5 on the last degree completed or at least 2.5 in the last 60 semester (90 quarter) units attempted.
- International Students must provide an evidence of one of the following:
 - A minimum score of 80 on the internet-based TOEFL exam (iBT)
 - A minimum score of 213 on the computer-based TOEFL exam
 - A score of 6.5 or higher on the IELTS, or
 - A score of 53 or higher on the Pearson Test of English (PTE) Academic Depending on the type of the undergraduate degree held, the applicants may be admitted with either a classified or conditional admission status.

Who can apply for this graduate program? Minimum requirement: Bachelor degree with a GPA of 2.5 or higher

1. Full Admission: Bachelor degree in Computer Technology from CSUDH or an equivalent program; or,

2. Conditional Admission: Bachelor degree other than computer technology. Students with no background may need to take some leveling courses before admission to the program.

Contact Information

Application/Admission Questions
msprogram@csudh.edu
424-205-5270

Academic Questions
Mohsen Beheshti
mbeheshti@csudh.edu
310-243-3398

Computer Science Department (CSC) (Curriculum, Advising, Admission)
310-243-3398
mscopy@csudh.edu
[csc.csudh.edu \(http://csc.csudh.edu\)](http://csc.csudh.edu)

College of International and Extended Education (CIEE) (Registration, Payment, Application Process)
310-243-3741
<https://www.csudh.edu/ceie/registration/>

Full Admission

In order to be admitted with a classified status, the applicant must meet all general admission requirements and hold a bachelor's degree in Computer Technology (CT), Information Technology (IT), Computer Science(CS) or a related subject.

Conditional Admission

The applicants holding bachelor's degrees in the fields not related to Computer Science, may be considered for a conditional admission. Conditionally admitted students may have to fulfill additional requirements before they attain a classified status. These additional requirements, which will be determined by evaluating applicant's transcripts and work-related experience, include an evidence of mastery of the key concepts in the following topic areas:

- Computer Hardware and Tools
- Computer Programming
- Operating System and Networking
- Dynamic Web Programming
- Network Security
- Introduction to Statistics

Or take the Cyber Security Certificate of Completion at CSUDH: (three 2-unit courses)

- IT Fundamentals,
- Network and Hardware, and
- CyberSecurity

Advancement to Candidacy

Advancement to candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon advancement to candidacy, the student is clear for the final stages of the graduate program which, in addition to any remaining course work, will include the project. Following are the requirements for Advancement to Candidacy:

1. A minimum of 15 resident units
2. Classified standing
3. An approved Program of Study
4. Successful completion of GEAR
5. A cumulative of 3.0 in all courses taken as a graduate student
6. No grade lower than a "B" in the degree program

Student Organizations

Contact departmental office for membership information, or visit the websites:

Association for Computing Machinery (ACM) ACM@csudh.edu
 Institute of Electrical and Electronics Engineers (IEEE) IEEE@csudh.edu
 Cyber Security CyberSec@csudh.edu
 Computing Alliance of Hispanic-Serving Institutions (CAHSI)
 CAHSI@csudh.edu

Graduate Programs

Master

- Cyber Security, Master of Science (p. 514)

Faculty

Mohsen Beheshti, Department Chair
 Jianchao (Jack) Han, Marek Suchenek, Bin Tang, Amlan Chatterjee,
 Liudong Zuo, Allireza Izaddoost, Brad Hollister, Khondaker Salehin

Emeriti Faculty

William B. Jones, Kazimierz Kowalski

Staff

Violeta Diaz, Administrative Assistant
 Ken Leyba, IT Consultant
 Department Office: NSM A-132, (310) 243-3398
<http://csc.csudh.edu>

Courses

CYB 501. Foundation of Information Security. (3 Units)

An overview of information security concepts; a basic introduction to information assurance principles and information security systems and specific issues pertaining to risk assessment and cyber threats; a brief examination of the laws governing information security including public policy and ethical standards.

Offered Fall, Spring

CYB 505. Practical Cyber Security. (3 Units)

Prerequisite: Restricted to majors. To understand and deal with real-world cyber threats, this course explores the latest development in the area of cyber security, and provides theory and hands-on practice in playing with cyber security software and network systems in a laboratory environment.

Offered Fall, Spring, Summer

CYB 525. Cybersecurity System Analytics and Automation. (3 Units)

Provides theory and hands-on practice in data analytics and threat intelligence in cybersecurity systems. Explores way to perform analytical tasks automatically, and solve cryptography, intrusion detection, automation, log creation, log management and other problems in cybersecurity.

Offered Fall, Spring, Summer

CYB 528. Foundations of Cyber Forensics. (3 Units)

Presents a high level introduction of Cyber Forensics including the different approaches in computer forensics investigation. Covers the ethics as it is mapped to the objectives of the Center of Academic Excellence in Cybersecurity.

Offered Spring

CYB 529. Advanced Cyber Forensics. (3 Units)

Prerequisite: CYB 528 is required. Provides advanced case examples in digital forensics. Provides understanding of everyday issues in real investigations such as technical, logistical, and legal challenges. Presents advanced methodologies and proven practices applied in digital investigations.

Offered Infrequent

CYB 535. CyberOps and Cloud DevSecOps. (3 Units)

Prerequisite: restricted to majors. Provides theory and hands-on practice on day-to-day, tactical knowledge and skills that Security Operations Center teams need to detect and respond to cybersecurity threats.

Main topics include security monitoring, host-based analysis, intrusion analysis, and security policies and procedures.

Offered Fall, Spring, Summer

CYB 538. Information Security Policy and Procedure. (3 Units)

Examines the legal concepts, principles and theories of public policy as they apply to information technology. A review of the American system with its federal and state levels will be studied to provide students with the necessary legal background in which the world of Information Technology functions. A special emphasis will be placed on compliance issues, Cyber laws, and regulations.

Offered Fall

CYB 548. Advanced OS Security. (3 Units)

A study of the challenges involved in the design and implementation of a secure operating system. Identify security threats and monitor operating system security implementations; learn how to configure operating systems to meet security standards using best practices.

Offered Summer

CYB 551. Data Communications and Computer Networks. (3 Units)

A comprehensive survey of the computer communication and field including data communication concepts and categories, communications switching and routine, network configuration and management. Topics also include layered network models and protocol.

Offered Spring

CYB 552. Advanced Hacking Prevention. (3 Units)

To evaluate advanced hacks and methods of defense fortification. Provides more advanced network defense concepts and techniques. Covers more detailed theoretical concepts in networking. State-of-the-art techniques and tools will be used to learn how to protect network.

Offered Fall

CYB 555. Information Assurance and Network Security. (3 Units)

Students will examine the concepts and topics in network security and information assurance. Through this course, students will conduct a CRT (Capture The Flag) exercise, and learn more about security threats, secure socket layer, SSH, Tunneling, PGP, encryption algorithm, vulnerabilities and other related topics.

Offered Spring

CYB 562. Advanced Communication System Security. (3 Units)

The course covers more advanced security life-cycle of products and services; it will go beyond requirements and policy development and progressing through the actual development, deployment and operations. This course will also provide advanced methods regarding the issues associated with protecting information assets.
Offered Infrequent

CYB 572. Secure Cloud Computing. (3 Units)

Students will learn four cloud service models: IaaS-Infrastructure as a Service, PaaS-Platform as a Service, SaaS-Software as a Service and BaaS-Business Process as a Service. This course will also cover topics related to big data, and challenges resulting from the implementation of high computing performances.
Offered Summer

CYB 584. Software Project Planning and Management. (3 Units)

Students will learn to build a software project and manage it professionally. Additionally, they will be expected to devise a plan with a schedule of finished products, a tracking system to monitor the building process of the project, and a risk management assessment.
Offered Fall

CYB 590. Graduate Project. (3 Units)

Capstone course. Students are required to submit and present a semester long project. Students will develop their own cyber security project, devise hypotheses related to their study, gather data to support their hypotheses, and present the results.
Offered Fall, Spring

CYB 595. Special Topics in Cyber Security. (3 Units)

Advanced topics in cyber security not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval. Consent required.
Offered Fall, Spring

CYB 600. Graduate Continuation Course. (1 Units)

Prerequisite: Signature of graduate program coordinator required. Graduate students, who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion for their degree, may attain continuous enrollment by enrolling in this course.
Offered Fall, Spring

Cyber Security, Master of Science

College of Natural & Behavioral Sciences
Department of Computer Science

Program Description

The Master of Science in Cyber Security program is designed to provide professional preparation for private, public, and non-profit sector professionals in the field of cyber security. The curriculum delivered in an accelerated 18-month cohort model requires the completion of six (6) core and four (4) elective courses. The program culminates with a cyber-security research project supervised by a faculty member. The Master of Science in Cyber Security program aims to prepare students for professional careers in cyber security. The program aims to provide a learning experience for the students to develop technical skills in protecting IT infrastructures, operating systems, and networks from intentional and unintentional information security breaches. The curriculum learning outcomes are designed for the acquisition of advanced expertise in the area of cyber security, including the protection of computers, networks, programs from unauthorized access, alteration,

or damage of data. The program's strengths include a robust academic curriculum, high-quality expert instructors, accelerated format (18-month model); and affordability. The Master of Science in Cyber Security will position its graduates to become leaders in the field of cyber security. Classes are scheduled to accommodate late afternoon, evening, and weekend classes.

Admission Procedures

The following materials are required for admission review by the submission deadline:

Please note that the cut-off date for Admission to the Fall Term is July 1, with the complete package of materials (application, transcripts and other required documents) due by August 1. For the Spring Term, the deadline for completed applications is November 15, and the deadline for materials is December 1. If you do not meet these deadlines, you will need to re-apply with a new application for the next term.

- Apply via Cal State Apply: <https://www.calstate.edu/apply> (<https://www.calstate.edu/apply/>)
- Contact your previous college(s) to request official transcripts. Applicants must provide an official transcript from each post-secondary institution attended (post-baccalaureate coursework included) be sent to the Admissions Office at admit@csudh.edu. If the institution providing the transcript can only mail the transcript, mail it to:

Admissions Office CSU Dominguez Hills
1000 E. Victoria Street Carson, CA 90747

- Send two letters of support and a Statement of Purpose (why you want to be in the program) for your application to the program coordinator at: MSCY@csudh.edu.

Admission Requirements

The following general requirements must be met to be admitted to the program:

- A bachelor's degree from a regionally accredited college or university
- Good standing at the last institution
- A grade point average (GPA) of at least 2.5 on the last degree completed or at least 2.5 in the last 60 semester (90 quarter) units attempted.
- International Students must provide evidence of one of the following:
 - A minimum score of 80 on the internet-based TOEFL exam (iBT)
 - A minimum score of 213 on the computer-based TOEFL exam
 - A score of 6.5 or higher on the IELTS, or
 - A score of 53 or higher on the Pearson Test of English (PTE) Academic. Depending on the type of undergraduate degree held, the applicants may be admitted with either a classified or conditional admission status.

Who can apply for this graduate program? Minimum requirement:

1. Bachelor's degree with a GPA of 2.5 or higher
2. Full Admission: Bachelor degree in Computer Technology from CSUDH or an equivalent program; or,

3. Conditional Admission: Bachelor degree other than computer technology. Students with no background may need to take some leveling courses before admission to the program.

Contact Information

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Academic Questions:

Mohsen Beheshti

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College of International and Extended Education (CIEE)

(Registration, Payment, Application Process)

310-243-3741

<https://www.csudh.edu/ceie/registration/>

Full Admission

In order to be admitted with a classified status, the applicant must meet all general admission requirements and hold a bachelor's degree in Computer Technology (CT), Information Technology (IT), Computer Science (CS), or a related subject.

Conditional Admission

The applicants holding bachelor's degrees in fields not related to Computer Science may be considered for conditional admission. Conditionally admitted students may have to fulfill additional requirements before they attain a classified status. These additional requirements, which will be determined by evaluating the applicant's transcripts and work-related experience, include evidence of mastery of the key concepts in the following topic areas:

- Computer Hardware and Tools
- Computer Programming
- Operating System and Networking
- Dynamic Web Programming
- Network Security
- Introduction to Statistics
- Or take the Cyber Security Certificate of Completion at CSUDH: (three 2unit courses)
- IT Fundamentals,
- Network and Hardware, and
- CyberSecurity

Advancement to Candidacy

Advancement to candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon advancement to candidacy, the student is clear for the final stages of the graduate program which, in addition to any remaining course work, will

include the project. Following are the requirements for Advancement to Candidacy:

1. A minimum of 15 resident units
2. Classified standing
3. An approved Program of Study
4. Successful completion of GVAR
5. A cumulative of 3.0 in all courses taken as a graduate student
6. No grade lower than a "B" in the degree program

Student Organizations

Contact the departmental office for membership information, or visit the websites:

Association for Computing Machinery (ACM) ACM@csudh.edu

Institute of Electrical and Electronics Engineers (IEEE) IEEE@csudh.edu

Cyber Security CyberSec@csudh.edu

Computing Alliance of Hispanic-Serving Institutions (CAHSI)

CAHSI@csudh.edu

Faculty

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Jianchao (Jack) Han, Bin Tang, Marek Suchenek, Amlan Chatterjee, Liudong Zuo, Alireza Izaddoost, Ali Jalooli, Sanaz Rahimi Moosavi, Sahar Hooshmand

Emeriti Faculty

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Angelica Tan, Administrative Assistant

Ken Leyba, IT Consultant

Department Office: NSM A-132, (310) 243-3398 <http://csc.csudh.edu>

(<http://csc.csudh.edu/>)

Requirements

Admission Requirements

The following general requirements must be met to be admitted to the program:

- A bachelor's degree from a fully accredited institution.
- Good standing at the last institution attended.
- A grade point average (GPA) of at least 2.5 on the last degree completed or at least 2.5 in the last 60 semester (90 quarter) units attempted.
- International Students must provide an evidence of one of the following:
 - A minimum score of 550 on the paper-based TOEFL exam
 - A minimum score of 80 on the internet-based TOEFL exam (iBT)
 - A minimum score of 213 on the computer-based TOEFL exam
 - A score of 6.5 or higher on the IELTS, or
 - A score of 53 or higher on the Pearson Test of English (PTE) Academic

Depending on the type of the undergraduate degree held, the applicants may be admitted with either a classified or conditional admission status.

Classified Admission

In order to be admitted with a classified status, the applicant must meet all general admission requirements and hold:

- A bachelor's degree in Computer Technology (CT), Information Technology (IT), Computer Science (CS) or a related field.

Conditional Admission

The applicants holding bachelor's degrees in the fields not related to Computer Science, may be considered for a conditional admission. Conditionally admitted students may have to fulfill additional requirements before they attain a classified status. These additional requirements, which will be determined by evaluating applicant's transcripts and work-related experience, include an evidence of mastery of the key concepts in the following topic areas:

- Computer Hardware and Tools
- Computer Programming
- Operating Systems and Networking
- Dynamic Web Programming
- Network Security
- Introduction to Statistics

These requirements may be met by successful completion of the necessary bridge courses identified by the Program Coordinator or passing of a placement exam.

Major Requirements (30 units)

| Code | Title | Hours |
|--|--|-----------|
| Core Courses | | |
| CYB 501 | Foundation of Information Security | 3 |
| CYB 528 | Foundations of Cyber Forensics | 3 |
| CYB 538 | Information Security Policy and Procedure | 3 |
| CYB 555 | Information Assurance and Network Security | 3 |
| CYB 584 | Software Project Planning and Management | 3 |
| CYB 590 | Graduate Project | 3 |
| Electives | | |
| Select four courses from the following: | | 12 |
| CYB 529 | Advanced Cyber Forensics | |
| CYB 548 | Advanced OS Security | |
| CYB 551 | Data Communications and Computer Networks | |
| CYB 552 | Advanced Hacking Prevention | |
| CYB 562 | Advanced Communication System Security | |
| CYB 572 | Secure Cloud Computing | |
| Culminating Experience ¹ | | |
| CYB 590 | Graduate Project | 3 |
| Total Hours | | 33 |

¹ The culminating experience is a student-developed cyber security research project conducted under the supervision of a faculty member.

Students graduating with the MSCY degree will be able to:

- Identify, locate, and interpret cyber security research of cyber threats originating from policies, practices, and products to information systems and the infrastructure.

- Compare and contrast legal, ethical, technical and policy issues in cyber security.
- Evaluate different approaches to vulnerability assessment, risk mitigation, auditing, and information systems certification.
- Design and evaluate information systems in regard to their security and protection of its own data.
- Perform an advanced computer forensics investigation and evaluate system networks.

Dance

College of Arts and Humanities
Department of Theatre and Dance

Program Description

The Bachelor of Arts in Dance offers each student the opportunity to develop creative and technical skills to become leaders in the field of dance as dancers, choreographers, and teachers in studios, private, and public schools. The B.A. in Dance also prepares students looking to further their education by attending graduate school to receive their M.F.A, M.A., or Ph. D. in Dance or related fields. The Dance program is multicultural and multi-ethnic by nature and offers a wide range of dance styles and techniques to explore. Students are encouraged to create, produce, and assess their work in relation to the broad knowledge of dance history and its traditions.

The Dance Minor offers courses designed for students who wish to augment their Bachelor's degree or desire to become a performer, choreographer, teacher, or further their dance training.

CSU Dominguez Hills Dance faculty are professional dancers, choreographers, and teachers who offer classes in Ballet, Modern, Jazz, Tap, Hip-Hop, Latin Social Dance, African dance and more. Students will have the opportunity to participate in master dance classes taught by nationally known artists and attend the American College Dance Association Conference. Complimenting dance technique classes, student will take classes in Dance Composition, Dance Production, Global Dance Perspectives, Rhythmic Analysis, Dance for Children, Forces & Figures in Dance, Dance Kinesiology, and more to round out the B.A. in Dance.

Features

Two large dance studios are available to students. Both studios are equipped with sprung floors, mirrored walls and the main studio has ballet barres, a grand piano, and digital audio and visual systems. Ballet and modern classes have live music accompaniment. Ample locker and shower facilities are also available. Dance students perform in the fully equipped University Theatre, which seats over 400 audience members. Two dance concerts are held each year, one in each semester, the Mosaic Dance Company offers screen dance opportunities along with outreach performances, and our Theatre Productions regularly incorporate dance. There are also opportunities to perform at on and off-campus events throughout the year.

The Dance program is a member of the American College Dance Association. Students have the opportunity to participate in the ACDA annual conference and adjudication concerts in the Baja Region and other performance venues

Academic Advisement

We request that students meet with the dance advisor and program coordinator, Doris Ressler or Amy Allen, before starting their first semester at CSU Dominguez Hills. This is when educational goals and previous dance experience will be discussed. Based on this discussion, the progression of the student's major or minor requirements will be planned. Career opportunities will also be discussed. If transferring from a community or 4-year college, students should bring a copy of their transcripts.

Dedication and commitment are the keys to the successful pursuit of a career in theatre and dance. To help students achieve high academic and production standards, the department requires all majors and minors to pass their required classes with a "C" grade or better. Students who receive lower than a "C" will need to "Repeat and Cancel" that course in the following semester.

Graduation with Honors

An undergraduate student may graduate with Honors in Dance if the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum GPA of at least 3.5 in all courses used to satisfy the upper-division requirements.

Preparation

For the B.A. in Dance and Dance Minor, it is strongly suggested that students pursuing a career in dance study ballet, modern, jazz dance techniques and dances of world cultures such as African, Latin Social, and Hip Hop. Students should take advantage of all available choreography and performance opportunities and view as many dance performances as possible. In addition to high school graduation requirements, the student should study art music, acting, literature, philosophy, and kinesiology. While attending community college, students should seek choreographic and performance experience in theatre presentations and attend as many dance performances as possible. Most dance technique courses are taken at community colleges in ballet, modern, jazz, tap, and other selected dance styles will transfer to satisfy the lower-division requirements for the B.A. in Dance and Dance Minor.

Dance Opportunities

Mosaic Dance Company – is a semi-professional touring dance company is comprised of students at CSUDH. Guest artists, faculty members, and students create dance works with the company, which are performed in concerts on campus and in the surrounding community. Through a variety of dance styles, the Mosaic Dance Company provides a professional training experience for the students involved and provides dance education and performances to underserved populations in the community.

American College Dance Association (ACDA) – Interested dance students have opportunities to attend the annual conference and participate in the adjudication concerts. Students will meet students from college dance programs in and out of the Baja Region, take master dance classes, perform in adjudication concerts, receive feedback, and experience dance from other undergraduate and graduate academic institutions.

Career Possibilities

The B.A. in Dance provides students with a broad-based foundation in dance and prepares them for graduate school, auditioning for and performing in dance companies, teaching opportunities in public schools, private dance studios, fitness programs, theatre, television, industrial shows, and working in "the business."

The Dance Minor is designed for students who desire to become performers, choreographers, or teachers, or to complement their major.

Undergraduate Programs

Bachelor

- Dance, Bachelor of Arts (p. 519)

Minor

- Dance, Minor (p. 522)

Faculty

Doris Ressler, Chair, Department of Theatre and Dance, Professor of Dance
Amy Allen, Assistant Professor of Dance

Chair's Office: LCH A-343, (310) 243-3732

Program Office: LCH A-109 (310) 243-3588

Emeritus Faculty

Carol A. Tubbs

Courses

DAN 110. Dance of World Cultures. (1 Units)

Introduction to a variety of ethnic and social dance forms; and appreciation of their historical and cultural origins. Repeatable for credit. Two hours of activity per week. Offered Fall, Spring

DAN 120. Tap Dance. (1 Units)

Development of proficiency in performing elementary tap technique with emphasis on skills, steps, combinations and terminology. Appreciation of the origin and evolution of tap dance. Repeatable for credit. Two hours of activity per week. Offered Fall

DAN 125. Tap Dance II. (1 Units)

Prerequisites: DAN 120 or permission from instructor. Develop proficiency in performing beginning intermediate tap technique with emphasis on skills, steps, combinations and terminology. Be able to speak and write appropriate vocabulary steps when necessary, and gain a further appreciation of the origin and evolution of tap dance and current tap trends. Offered As needed

DAN 130. Global Dance Perspectives. (3 Units)

Global Dance Perspectives provides an understanding and appreciation of dances from all cultures of the world as an expression of people's imaginative and creative urges/ Diversity in dance is explored through a global perspective addressing social, cultural, and historical topics. Offered Fall, Spring, Summer

DAN 200. Jazz I. (2 Units)

Development of proficiency in performing beginning jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 205. Jazz II. (2 Units)

Prerequisite: DAN 200 or consent of instructor. Continuing development of proficiency in performing beginning jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 210. Ballet I. (2 Units)

Development of proficiency in performing elementary ballet technique. Emphasis on basic theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 215. Ballet II. (2 Units)

Prerequisite: DAN 210 or consent of instructor. Continuing development of proficiency in performing elementary ballet technique. Emphasis on basic theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 220. Modern Dance I. (2 Units)

Development of proficiency in performing beginning modern dance technique. Emphasis on basic technical development, movement theories, movement phrasing and terminology. Appreciation of basic movement discoveries of early pioneers in modern dance, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 225. Modern Dance II. (2 Units)

Prerequisite: DAN 220 or consent of instructor. Continuing development of proficiency in performing beginning modern dance technique. Emphasis on basic technical development, movement theories, movement phrasing and terminology. Appreciation of basic movement discoveries of early pioneers in modern dance, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall

DAN 230. Dance Touring Ensemble. (1 Units)

Co-requisite: Enrollment in a Dance Technique class. Dance Touring Ensemble members will discover and cultivate their own talents as performers and educators. Multiple performances will be held during the semester. Auditions and an Interview will be required.
Offered All terms

DAN 300. Jazz III. (2 Units)

Prerequisite: DAN 205 or consent of instructor. Development of proficiency in performing intermediate jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of the origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Spring

DAN 305. Jazz IV. (2 Units)

Prerequisite: DAN 300 or consent of instructor. Continuing development of proficiency in performing intermediate jazz dance technique. Emphasis on theory, terminology, steps and combinations in a variety of jazz styles. Appreciation of the origin and evolution of jazz. Repeatable for credit. Four hours of activity per week.
Offered Spring

DAN 310. Ballet III. (2 Units)

Prerequisite: DAN 215 or consent of instructor. Development of proficiency in performing intermediate ballet technique. Emphasis on theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 315. Ballet IV. (2 Units)

Prerequisite: DAN 310 or consent of instructor. Continuing development of proficiency in performing intermediate ballet technique. Emphasis on theory, positions, steps, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.
Offered Fall, Spring

DAN 320. Modern Dance III. (2 Units)

Prerequisite: DAN 225 or consent of instructor. Development of proficiency in performing intermediate modern dance technique. Emphasis on intermediate technical development, movement theories, movement phrasing and terminology. Appreciation of intermediate movement discoveries of early pioneers in modern dance, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.
Offered Spring

DAN 325. Modern Dance IV. (2 Units)

Prerequisites: Upper division class standing; KIN 448 is recommended. Planned internship in alternative dance careers at a cooperating institution, agency, organization or company under professional supervision. Application of principles and skills acquired in student's chosen professional preparation program.
Offered Spring

DAN 330. Dance Composition I. (2 Units)

Use of improvisation in choreography as an introduction to structural form; individual and group problems.
Offered Fall

DAN 335. Dance Composition II. (3 Units)

Prerequisites: DAN 330 Co-requisite: Concurrent enrollment in a dance technique class. Theory and practice in the immediate elements of dance composition.
Offered Spring

DAN 340. Dance Production. (1 Units)

Prerequisites: DAN 330 and DAN 335 or consent of instructor. Designed to teach students how to coordinate and produce a dance concert. Emphasis on technical aspects of dance production such as lighting design, costume design and construction, recording sound, applying dance makeup, staging dances, and concert publicity and promotion. Repeatable for credit. Three hours of activity per week.
Offered Spring

DAN 345. Rhythmic Analysis. (3 Units)

Prerequisites: DAN 330. Basic music exploration of simple and complex rhythmic patterns, time, styles, and a brief survey of the historical periods and styles of music used in western and non-western cultures.

Offered Fall even

DAN 355. Forces and Figures in Dance. (3 Units)

Prerequisite: DAN 130 required. Survey of the historical development of dance from the 18th century to the 21st centuries.

Offered Spring even

DAN 375. Dance Kinesiology & wellness. (1 Units)

Investigation of the kinesiology and physiology of the human body as it relates to dance. Students will develop a basic understanding of human anatomy, the biomechanics of human movement, and wellness concerns as they relate to dance.

Offered Spring

DAN 385. Somatics and Conditioning. (3 Units)

The discipline of somatic studies emphasizing the unity of mind and body, and an integrated experience from within, through conscious guided movement and opportunities for increased self-awareness.

Offered As needed

DAN 395. Dance Pedagogy. (3 Units)

Prerequisites: DAN 205, DAN 315, DAN 325, DAN 335 or permission of instructor, Dance Pedagogy explores the art and instructional methods of teaching dance technique and choreography.

Offered As needed

DAN 410. Ballet V. (2 Units)

Prerequisite: DAN 315 or consent of instructor. Development of proficiency in performing intermediate-advanced ballet technique. Emphasis on intermediate-advanced theory, positions, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 415. Ballet VI. (2 Units)

Prerequisite: DAN 410 or consent of instructor. Continuing development of proficiency in performing intermediate-advanced ballet technique. Emphasis on intermediate-advanced theory, positions, combinations and French terminology. Appreciation of ballet as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 420. Modern Dance V. (2 Units)

Prerequisite: DAN 325 or consent of instructor. Development of proficiency in performing intermediate-advanced modern dance technique. Emphasis on intermediate-advanced technical development, movement theories, movement phrasing and terminology. Appreciation of movement discoveries of contemporary modern dancers, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 425. Modern Dance VI. (2 Units)

Prerequisite: DAN 420 or consent of instructor. Continuing development of proficiency in performing intermediate-advanced modern dance technique. Emphasis on intermediate-advanced technical development, movement theories, movement phrasing and terminology. Appreciation of movement discoveries of contemporary modern dancers, and of modern dance as an art form. Repeatable for credit. Four hours of activity per week.

Offered Spring

DAN 430. Dance Composition III. (3 Units)

Prerequisites: DAN 330, and DAN 335 required. Co-requisites: Concurrent enrollment in a dance technique class. Development of theme and style in a dance technique class.

Offered Fall

DAN 440. Dance for Children. (3 Units)

Study of developmentally appropriate creative movement experiences for children. Examination of teaching methodology designed to develop foundational movement skills, artistic exploration of movement elements, improvisational techniques, imagination and creativity, and how these learning activities can be taught across the curriculum.

Offered Fall, Spring, Summer

DAN 450. Musical Theatre Studies. (3 Units)

Prerequisites: DAN 203, DAN 315, DAN 325, DAN 335 or permission of instructor, Musical Theatre Studies is an exploration of American Musical Theatre, Students will study the work of the actor/singer/dancer and develop as performers.

Offered As needed

DAN 480. Dance Rehearsal & Performance. (2 Units)

Prerequisites: DAN 200, DAN 205, DAN 210, DAN 215, DAN 220, DAN 225 are recommended. Participation as a performer and/or choreographer in a Dance Program approved, University sponsored production. Concert participation is by audition only. Repeatable for credit. Four hours of activity per week.

Offered Fall, Spring

DAN 494. Independent Study. (1-3 Units)

Advanced study in dance, with each student participating in a special project mutually agreed upon by student and instructor.

Offered Fall, Spring

DAN 495. Special Topics:. (1-3 Units)

Intensive study of a dance topic of current interest. May be repeated for credit to a maximum of 6.0 units.

Offered Infrequent

DAN 496. Internship in Dance. (1-3 Units)

Prerequisite: Consent of instructor. Collaborative production activity on various projects in the digital media arts curriculum. Repeatable for credit for up to three units. Two hours of activity per week.

Offered Infrequent

DAN 499. Senior Dance Thesis. (2 Units)

Prerequisites: Dan 430 or permission of instructor. Co-requisite: DAN 340 A capstone course culminating in the production of a final, collaborative project. Selected in consultation with and evaluated by a faculty panel. Restricted to seniors.

Offered Spring

Dance, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (58 UNITS)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|--------------------------------|-------|
| Lower Division Requirements | | |
| DAN 130 | Global Dance Perspectives | 3 |
| DAN 200 | Jazz I | 2 |
| DAN 205 | Jazz II | 2 |
| DAN 210 | Ballet I | 2 |
| DAN 215 | Ballet II | 2 |
| DAN 220 | Modern Dance I | 2 |
| DAN 225 | Modern Dance II | 2 |
| Select two units of the following: | | 2 |
| DAN 110 | Dance of World Cultures | |
| DAN 120 | Tap Dance | |
| DAN 125 | Tap Dance II | |
| DAN 230 | Dance Touring Ensemble | |
| Select one course from the following: | | 3 |
| THE 264 | Acting I | |
| THE 342 | Fundamentals of Theatre Design | |
| THE 346 | Theatre Workshop | |
| Upper Division Requirements | | |
| DAN 330 | Dance Composition I | 2 |
| DAN 335 | Dance Composition II | 3 |
| DAN 340 | Dance Production | 1 |
| DAN 345 | Rhythmic Analysis | 3 |
| DAN 355 | Forces and Figures in Dance | 3 |
| DAN 375 | Dance Kinesiology & wellness | 1 |
| DAN 430 | Dance Composition III | 3 |
| DAN 480 | Dance Rehearsal & Performance | 2 |
| DAN 499 | Senior Dance Thesis | 2 |
| Select five Dance Technique courses of the following: | | 10 |
| DAN 300 | Jazz III | |
| DAN 305 | Jazz IV | |
| DAN 310 | Ballet III | |
| DAN 315 | Ballet IV | |
| DAN 320 | Modern Dance III | |
| DAN 325 | Modern Dance IV | |
| DAN 410 | Ballet V | |
| DAN 415 | Ballet VI | |
| DAN 420 | Modern Dance V | |
| DAN 425 | Modern Dance VI | |
| Select one Theatrical Design course of the following: | | 3 |
| THE 340 | Costuming | |
| THE 341 | Makeup and Hair | |

| | | |
|---|---------------------------|-----------|
| THE 347 | Stage Lighting and Sound | |
| THE 376 | Stage Management | |
| Select one Dance Studies course of the following: | | 3 |
| DAN 385 | Somatics and Conditioning | |
| DAN 395 | Dance Pedagogy | |
| DAN 440 | Dance for Children | |
| DAN 450 | Musical Theatre Studies | |
| Total Hours | | 56 |

- **Cultural Literacy:** Students must demonstrate an acquaintance with a wide selection of dance repertory, the principal eras, genres, and cultural sources and an understanding of procedures for realizing a variety of dance styles.
- **Performance Skills:** Students must demonstrate the ability, knowledge and/or skills in performing areas in one or more areas of dance beyond basic coursework and performance appropriate to the individual's needs and interests.
- **Discipline Proficiency:** Students will demonstrate fundamental knowledge of the body and of kinesiology as applicable to work in dance and an understanding of choreographic processes, aesthetic properties of style, and the ways these shape and are shaped by artistic and cultural ideas and contexts.
- **Oral Communication:** Students will demonstrate criticism literacy, aesthetic knowledge, and speaking skills, providing informative information and insightful messages in a public setting.
- **Written Communication:** Students will demonstrate competence in using language, critical thinking, research and analysis through written skills.
- **Critical Thinking:** Students will demonstrate the ability to develop and defend critical evaluations and have the ability to identify and work conceptually with the elements of dance.

Dance

4-Year Roadmap

| Course | Title | Hours |
|-------------------------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 | | 3 |
| DAN 110 or DAN 120 or DAN 230 | Dance of World Cultures or Tap Dance or Dance Touring Ensemble | 1 |
| GE Area D | | 3 |
| DAN 130 | Global Dance Perspectives | 3 |
| DAN 200 or DAN 210 or DAN 220 | Jazz I or Ballet I or Modern Dance I | 2 |
| Hours | | 12 |
| Spring | | |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| GE Area C2 | | 3 |
| DAN 205 or DAN 215 or DAN 225 | Jazz II or Ballet II or Modern Dance II | 2 |
| DAN 375 | Dance Kinesiology & wellness | 1 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B1 or B2 | | 3 |

| | | |
|---|---|---|
| GE Area B3 | | 1 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| DAN 200 or DAN 205 or DAN 210 or DAN 215 or DAN 225 | Jazz I or Jazz II or Ballet I or Ballet II or Modern Dance II | 2 |
| DAN 200 or DAN 205 or DAN 210 or DAN 215 or DAN 225 | Jazz I or Jazz II or Ballet I or Ballet II or Modern Dance II | 2 |
| DAN 330 | Dance Composition I | 2 |
| DAN 345 | Rhythmic Analysis | 3 |

Hours 16

Spring

| | | |
|---|--|---|
| GE Area E | | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| DAN 215 | Ballet II | 2 |
| DAN 225 or DAN 300 or DAN 305 or DAN 310 or DAN 320 | Modern Dance II or Jazz III or Jazz IV or Ballet III or Modern Dance III | 2 |
| DAN 355 | Forces and Figures in Dance | 3 |
| DAN 480 | Dance Rehearsal & Performance | 2 |

Hours 15

Third Year**Fall**

| | | |
|---|---|---|
| GWAR Requirement | | 3 |
| GE Area F | | 3 |
| GE Area C3 | | 3 |
| DAN 110 or DAN 120 or DAN 125 or DAN 230 | Dance of World Cultures or Tap Dance or Tap Dance II or Dance Touring Ensemble | 1 |
| DAN 310 or DAN 315 | Ballet III or Ballet IV | 2 |
| THE 264 or THE 342 or THE 346 | Acting I or Fundamentals of Theatre Design or Theatre Workshop | 3 |

Hours 15

Spring

| | | |
|---|--|---|
| GE Area B5 or D3 | | 3 |
| DAN 335 | Dance Composition II | 3 |
| DAN 300 or DAN 305 or DAN 310 or DAN 315 or DAN 320 or DAN 325 or DAN 410 or DAN 415 or DAN 420 or DAN 425 | Jazz III or Jazz IV or Ballet III or Ballet IV or Modern Dance III or Modern Dance IV or Ballet V or Ballet VI or Modern Dance V or Modern Dance VI | 2 |
| THE 340 or THE 341 or THE 347 or THE 376 | Costuming or Makeup and Hair or Stage Lighting and Sound or Stage Management | 3 |

| | | |
|-----------------|--|---|
| Elective Course | | 3 |
| Elective Course | | 3 |

Hours 17

Fourth Year**Fall**

| | | |
|------------------|--|---|
| GE Area B5 or D3 | | 3 |
|------------------|--|---|

| | | |
|-----------------------|-------------------------------|---|
| DAN 310 or DAN 315 | Ballet III or Ballet IV | 2 |
| DAN 430 | Dance Composition III | 3 |
| DAN 480 | Dance Rehearsal & Performance | 2 |
| Elective Course | | 3 |
| Elective Course | | 3 |

Hours 16

Spring

| | | |
|---|--|---|
| DAN 340 | Dance Production | 1 |
| DAN 300 or DAN 305 or DAN 310 or DAN 315 or DAN 320 or DAN 325 or DAN 410 or DAN 415 or DAN 420 or DAN 425 | Jazz III or Jazz IV or Ballet III or Ballet IV or Modern Dance III or Modern Dance IV or Ballet V or Ballet VI or Modern Dance V or Modern Dance VI | 2 |

| | | |
|---|---|---|
| DAN 385 or DAN 395 or DAN 440 or DAN 450 | Somatics and Conditioning or Dance Pedagogy or Dance for Children or Musical Theatre Studies | 3 |
|---|---|---|

| | | |
|---------|---------------------|---|
| DAN 499 | Senior Dance Thesis | 2 |
|---------|---------------------|---|

| | | |
|-----------------|--|---|
| Elective Course | | 3 |
|-----------------|--|---|

| | | |
|-----------------|--|---|
| Elective Course | | 3 |
|-----------------|--|---|

Hours 14

Total Hours 120

2-Year Roadmap**First Year**

| | | |
|---|---|---|
| GE Area B5 or D3 | | 3 |
| DAN 310 or DAN 320 | Ballet III or Modern Dance III | 2 |
| DAN 330 | Dance Composition I | 2 |
| THE 340 or THE 341 or THE 347 or THE 376 | Costuming or Makeup and Hair or Stage Lighting and Sound or Stage Management | 3 |
| DAN 480 | Dance Rehearsal & Performance | 2 |

Hours 15

| | | |
|------------------|--|---|
| GWAR Requirement | | 3 |
|------------------|--|---|

Hours 15

Spring

| | | |
|---|--|---|
| GE Area B5 or D3 | | 3 |
| DAN 300 or DAN 305 or DAN 310 or DAN 315 or DAN 320 or DAN 325 or DAN 410 or DAN 415 or DAN 420 or DAN 425 | Jazz III or Jazz IV or Ballet III or Ballet IV or Modern Dance III or Modern Dance IV or Ballet V or Ballet VI or Modern Dance V or Modern Dance VI | 2 |

| | | |
|---------|----------------------|---|
| DAN 335 | Dance Composition II | 3 |
|---------|----------------------|---|

| | | |
|---------|------------------------------|---|
| DAN 375 | Dance Kinesiology & wellness | 1 |
|---------|------------------------------|---|

| | | |
|---|--|---|
| DAN 385 or DAN 395 or DAN 440 or DAN 440 | Somatics and Conditioning or Dance Pedagogy or Dance for Children or Dance for Children | 3 |
|---|--|---|

| | | |
|---------|-------------------------------|---|
| DAN 480 | Dance Rehearsal & Performance | 2 |
|---------|-------------------------------|---|

Hours 14

Second Year**Fall**

| | | |
|------------|--|---|
| GE Area C3 | | 3 |
|------------|--|---|

| | | |
|---|--|-----------|
| DAN 310 or DAN 320 | Ballet III or Modern Dance III | 2 |
| DAN 345 | Rhythmic Analysis | 3 |
| DAN 430 | Dance Composition III | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 17 |
| Spring | | |
| DAN 300 or DAN 305 or DAN 310 or DAN 315 or DAN 320 or DAN 325 or DAN 410 or DAN 415 or DAN 420 or DAN 425 | Jazz III or Jazz IV or Ballet III or Ballet IV or Modern Dance III or Modern Dance IV or Ballet V or Ballet VI or Modern Dance V or Modern Dance VI | 2 |
| DAN 340 | Dance Production | 1 |
| DAN 355 | Forces and Figures in Dance | 3 |
| DAN 499 | Senior Dance Thesis | 2 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 14 |
| Total Hours | | 60 |

Dance, Minor Requirements

| Code | Title | Hours |
|---------------------------------------|-----------------------------|--------------|
| Lower Division Requirements | | |
| DAN 210 | Ballet I | 2 |
| DAN 215 | Ballet II | 2 |
| DAN 220 | Modern Dance I | 2 |
| DAN 225 | Modern Dance II | 2 |
| Select one course from the following: | | 1-2 |
| DAN 110 | Dance of World Cultures | |
| DAN 120 | Tap Dance | |
| DAN 205 | Jazz II | |
| Upper Division Requirements | | |
| DAN 330 | Dance Composition I | 2 |
| DAN 335 | Dance Composition II | 3 |
| DAN 340 | Dance Production | 1 |
| DAN 345 | Rhythmic Analysis | 3 |
| DAN 355 | Forces and Figures in Dance | 3 |
| Select one course from the following: | | 2 |
| DAN 310 | Ballet III | |
| DAN 320 | Modern Dance III | |
| Technique Advancement | | |
| Total Hours | | 23-24 |

Students may advance to a higher level in a dance technique requirement if they receive prior permission from the Dance Advisor.

Design

College of Arts & Humanities
Department of Art & Design

Program Description and Features

The **B.A. in Design** provides students with a rich, multifaceted design education in the areas of print, web, interactive, photography, and motion design. The pedagogy of the program is set in learning by doing. Its distinctive upper-division courses are structured with level I courses to focus on principles of design, and technical skills around type and image-making through a series of multiple assignments. Upper-division level II courses focus on the conceptualization and execution of single semester-long projects.

Students are introduced to professional practices through individual and group projects by creating a professional portfolio, reviewed by a panel of professional designers, by participating in nationwide design competitions, and by an opportunity to work with clients through the ALGA student-run design group. A two-semester portfolio class helps students build strong career objectives in the field of design, with an internship placement in collaboration with the Career Center. Students also experience creating work for social change and environmental impact and are exposed to the work of a broad, multicultural range of artists/designers and historical, contemporary art/design movements.

The B.A. in Design is committed to offering students a more flexible schedule to allow them to participate in internships and work by providing all of the design courses as blended courses, meeting once a week face-to-face in a classroom, and 50% online, it is the only CSU program in the arts with such a modality. On-campus, classes are held in two specialized Mac Labs running the latest industry design software: Adobe Creative Cloud. Majors in Design also have free access to it for home-usage. Laser cutters and 3D printers have been recently acquired to provide students with the latest innovative technology.

The **Minor in Design** provides students with an introduction to the fundamentals of print, media, and graphic design.

The **Minor in Digital Graphics** provides students with an introduction to motion design fundamentals.

The **Minor in Photography** provides students with an introduction to the fundamentals of photography.

Academic Advisement

Advising for Art & Design majors and minors is done by Art and Design faculty members as well as the College of Arts and Humanities advisors. Students must stop by the Department of Art and Design to be assigned to an advisor. The advisor will facilitate the student's smooth passage through his/her educational experience. Students must consult their advisors each semester before registration to discuss their program. For General Education information and advisement, contact the University Advisement Center located in WH 220, (310) 243-3538.

Preparation

High school students planning to major in design at CSU Dominguez Hills will be best prepared by taking a maximum variety of art and/or design courses offered in their school. In addition, they should have some general exposure to the history of art.

Community College transfer students seeking admittance to the CSU Dominguez Hills Department of Art and Design will be best prepared by having completed the equivalent of the following CSU Dominguez Hills lower division art courses:

- Introduction to Design Applications (DGN 110)
- 2-D Design (ART 170)
- 3-D Design (ART 171)
- Drawing I (ART 179)

Students should be aware that community college courses do not satisfy upper-division course requirements.

Student Organizations

CSUDH AIGA Student Group, Advisor Michele Bury

Scholarships

Please contact the Department of Art and Design for additional scholarship requirements.

Graduation With Honors

Undergraduate students may be candidates for graduation with Honors in Art if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements for the Art major

Career Possibilities

The Bachelor of Arts in Design prepares students for entry-level careers in design from print, web, app, and motion design and to prepare students for further studies.

Examples of possible careers and positions: Print design, print production, web design, advertising, marketing, motion design, app design, illustration, packaging design, photography, interactive media, publication design, branding and identity design, and broadcast design. Creative/design direction.

Undergraduate Programs

- Design, Bachelor of Arts (p. 524)

Minor Programs

- Design, Minor (p. 526)
- Digital Graphics, Minor (p. 526)
- Photography, Minor (p. 526)

Faculty

Jim Keville, Department Chair
 Michele Bury, Kirstin Ellsworth, Jimena Sarno, Aandrea Stang,
 Devon Tsuno, Ellie Zenhari
 Andrea Stang, Art Gallery Director Department Of#ce: LCH A-111,
 (310) 243-3310
 Please visit the Art & Design Department Website: <https://www.csudh.edu/art/>

Emeriti Faculty

Bernard Baker, John Goders, Arthur L. Harshman, Gilah Yelin Hirsch, Ivers, Noreen, Larinde, Norman Neuerburg, Ernest Rosenthal, Sidney Glen White

DGN 110. Intro to Design Applications. (3 Units)

Introduction to digital imaging using Adobe Photoshop and to vector based art using Adobe Illustrator. Six hours of activity in-class an online per week.

Offered Fall, Spring

DGN 310. Graphic Design 1. (3 Units)

Prerequisite: DGN 110. Introduction to graphic design as a form of visual communication through the use of type, image and form. Projects explore design processes, creative problem solving, and the basic design practices of critiques and discussion. Six hours of activity per week. Fee required.

Offered Fall

DGN 320. Typography 1. (3 Units)

Prerequisites: ART 160 and ART 170. Introduction to basic aspects of letterforms and typography through a variety of projects. Introduction to the historical background, technical considerations, and aesthetic issues of typography. Six hours of activity per week.

Offered Fall

DGN 330. Motion Design 1. (3 Units)

Prerequisite: DGN or DMA 310 or consent of instructor. Introduction to the principles and or elements of motion design. Emphasis on the relationship between typographic principles and fundamentals of animation. Software: Introduction to Adobe After Effects. Six hours of activity per week. Fee required.

Offered Fall

DGN 340. Web Design 1. (3 Units)

Prerequisites: DGN 310 or consent of instructor. Introduction and exploration of the concepts and technologies in web design. Individual and team projects address navigational structures, systems, identity, audience and intent in the design of website prototypes. Six hours of activity per week.

Offered Fall

DGN 345. Illustration 1. (3 Units)

Prerequisites: ART 179 is required; DGN 110 is recommended.

Introduction to illustration, with an emphasis on craftsmanship, as well as learning and employing the illustration process. Explores many aspects of the illustration field, giving students a broad view of the discipline. The skills studied will provide a foundation for work in both illustration and animation. Students will explore personal artistic voice, techniques, design, and visual narrative.

Offered Fall

DGN 410. Graphic Design 2. (3 Units)

Prerequisite: DGN 310 is required. Advanced study of graphic design principles and their application to more complex and comprehensive solutions. Course examines the integration of design with civic engagement, through the completion of an awareness campaign addressing social issues. Students work collaboratively on semester long campaign. Six hours of activity per week. Fee required.

Offered Spring

DGN 420. Typography 2. (3 Units)

Prerequisite: ART 347 is required. Advanced analysis and study of typographic design through projects based on the setting of words, sentences and paragraphs. Projects will gradually increase in scope and complexity dealing with multiple levels of hierarchical meaning. Six hours of activity per week. Fee required.

Offered Spring

DGN 430. Motion Design 2. (3 Units)

Prerequisite: DGN 330. Advanced concepts of motion design as they relate to the use of Adobe After Effects and Cinema 4D. Students will work independently on individual projects from concept to final output. Repeatable course. Six hours of activity per week. Fee required. Offered Spring

DGN 440. Web Design II. (3 Units)

Prerequisites: DGN 340 is required. Intermediate to advanced course in web design, offering in-depth investigation of the planning, design and building of web sites. This course is structured around projects that combine creative exploration and comprehensively learning industry-standard software programs. Six hours of activity per week. Offered Spring

DGN 445. Illustration 2. (3 Units)

Prerequisite: DGN 345 is required. DGN 110 is recommended. Intermediate elective in illustration focuses on craftsman ship. Reinforces the illustration process learned in level 1. Students will explore multiple areas within illustration, creating several advanced projects, with an emphasis on narrative in illustration as it relates to editorial, publishing, and visual development for animation. Students will build their portfolios and refine their personal artistic voice. Repeatable for credit. Offered Spring, Summer

DGN 450. Interactive Design. (3 Units)

Prerequisite: DGN 440 is required. This class will show how to build apps and user base responsive design (UX). Students will gain an understanding of the javascript programming language and explore the most current technologies available. Six hours of activity per week. Fee required. Offered Spring

DGN 460. Portfolio 1 and Internship. (3 Units)

Prerequisite: Senior standing and consent of instructor required. Students will identify and research their career objectives, design their visual identity, start working on their professional portfolio and find and confirm an internship of a minimum of 70 hours to be completed by the end of Portfolio part II. Six hours of activity per week. Fee required. Offered Fall

DGN 470. Portfolio 2 and Internship. (3 Units)

Prerequisites: Senior standing and consent of instructor. Capstone course involving preparation of essential material for seeking a position in graphic design. Emphasizes the preparation of a graphic design portfolio and resume. Six hours of activity per week. Fee required. Offered Spring

DGN 494. Independent Study. (1-3 Units)

Individual students will consult with a Design faculty to conduct an independent project in Design. Restricted to juniors and seniors. Department consent required. Offered As needed

DGN 495. Selected/Variable Topics in Design. (3 Units)

Detailed study Design. Repeatable course. Offered As needed

DGN 496. Internship. (1-3 Units)

Internship in a Design related field, both on campus and externally. Restricted to juniors and seniors. Department consent required. Offered As needed

Design, Bachelor of Arts

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (54 units)

The following courses, or their approved equivalents, are required for all candidates for this degree.

Lower Division Required Courses (12 units)

| Code | Title | Hours |
|---------|------------------------------|-------|
| ART 170 | 2-D Design | 3 |
| ART 171 | 3-D Design | 3 |
| ART 179 | Drawing 1 | 3 |
| DGN 110 | Intro to Design Applications | 3 |

Upper Divisions Required Courses (48 units)

1. Required Courses (45 units)

| Code | Title | Hours |
|---------|----------------------------|-------|
| ARH 352 | Design History | 3 |
| DGN 310 | Graphic Design 1 | 3 |
| DGN 320 | Typography 1 | 3 |
| DGN 330 | Motion Design 1 | 3 |
| DGN 340 | Web Design 1 | 3 |
| DGN 410 | Graphic Design 2 | 3 |
| DGN 420 | Typography 2 | 3 |
| DGN 430 | Motion Design 2 | 3 |
| DGN 440 | Web Design II | 3 |
| DGN 450 | Interactive Design | 3 |
| DGN 460 | Portfolio 1 and Internship | 3 |
| DGN 470 | Portfolio 2 and Internship | 3 |
| PHT 300 | Digital Photography | 3 |

2. Elective (3 units)

| Code | Title | Hours |
|--------------------------------------|------------------------|-------|
| Select one of the following courses: | | |
| ARH 332 | Modern Architecture | |
| ARH 333 | Contemporary Art | |
| ARH 363 | Art of Latin America | |
| ARH 370 | Art and Social Protest | |

Students who complete the B.A. in design program will:

- Create solutions for a wide range of print and digital media projects using problem-solving thinking and creative practices. (Critical thinking)
- Acquire and cite visual and industry-related vocabulary for print and digital media. (Disciplinary Proficiency)
- Know the work of a broad and multicultural range of artists/designers, and of historical, contemporary art/design movements. (Critical thinking)
- Design a wide range of projects relevant to print and digital media using industry-related software applications. (Disciplinary Proficiency)
- Present written and oral critique of a broad range of design work, both by students and professionals. (Communication)
- Design socially engaged work and to engage with the broader community. (Engaged Citizenry)
- Demonstrate the competence of best professional practices in time management, project planning and collaboration for a professional entry level position in print, web, interactivity and motion. (Disciplinary Proficiency)
- Create entry-level professional work and design a portfolio. (Disciplinary Proficiency)

Design

4-YEAR ROADMAP

| Course | Title | Hours |
|--|------------------------------|-----------|
| First Year | | |
| Fall | | |
| ART 170 | 2-D Design | 3 |
| DGN 110 | Intro to Design Applications | 3 |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Spring | | |
| ART 171 | 3-D Design | 3 |
| ART 179 | Drawing 1 | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ARH 352 | Design History | 3 |
| DGN 310 | Graphic Design 1 | 3 |
| GE Area A1 Oral Communication | | 2 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| ARH 333 | Contemporary Art | 3 |
| or ARH 332 | or Modern Architecture | |
| or ARH 370 | or Art and Social Protest | |
| PHT 300 | Digital Photography | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| DGN 320 | Typography 1 | 3 |

| | | |
|--|-------------------------------|------------|
| DGN 330 | Motion Design 1 | 3 |
| DGN 340 | Web Design 1 | 3 |
| GE Area F | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| DGN 410 | Graphic Design 2 | 3 |
| DGN 420 | Typography 2 | 3 |
| DGN 430 | Motion Design 2 | 3 |
| DGN 440 | Web Design II | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| ENG 350 | Advanced Composition (or GWE) | 3 |
| GE Area B5 or D3 | | 3 |
| DGN 450 | Interactive Design | 3 |
| DGN 460 | Portfolio 1 and Internship | 3 |
| GE Area C3 | | 3 |
| Hours | | 15 |
| Spring | | |
| DGN 470 | Portfolio 2 and Internship | 3 |
| GE Area B5 or D3 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-YEAR ROADMAP

| | | |
|----------------------------|-------------------------------|-----------|
| First Year | | |
| Fall | | |
| ARH 352 | Design History | 3 |
| DGN 310 | Graphic Design 1 | 3 |
| DGN 320 | Typography 1 | 3 |
| DGN 330 | Motion Design 1 | 3 |
| DGN 340 | Web Design 1 | 3 |
| Hours | | 15 |
| Spring | | |
| PHT 300 | Digital Photography | 3 |
| DGN 410 | Graphic Design 2 | 3 |
| DGN 420 | Typography 2 | 3 |
| DGN 430 | Motion Design 2 | 3 |
| DGN 440 | Web Design II | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| DGN 450 | Interactive Design | 3 |
| DGN 460 | Portfolio 1 and Internship | 3 |
| ENG 350 | Advanced Composition (or GWE) | 3 |
| GE Area C3 | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| ARH 332 | Modern Architecture | 3 |
| or ARH 333 | or Contemporary Art | |
| or ARH 370 | or Art and Social Protest | |
| DGN 470 | Portfolio 2 and Internship | 3 |
| GE Area B5 | | 3 |
| GE Area D3 | | 3 |

| | |
|-----------------|----|
| Elective Course | 3 |
| Hours | 15 |
| Total Hours | 60 |

Design, Minor

Requirements (12 units)

The Minor in Design provides students with an introduction to the fundamentals of print media graphic design.

To complete the Minor in Design, the following courses must be taken:

| Code | Title | Hours |
|---|------------------------------|-----------|
| A. Lower Division Required Courses | | |
| DGN 110 | Intro to Design Applications | 3 |
| B. Upper Division Required Courses | | |
| DGN 310 | Graphic Design 1 | 3 |
| DGN 320 | Typography 1 | 3 |
| DGN 340 | Web Design 1 | 3 |
| Total Hours | | 12 |

Digital Graphics, Minor

Requirements (12 units)

The Minor in Digital Graphics provides students with an introduction to the fundamentals of screen-based design.

To complete the Minor in Digital Graphics, the following courses must be taken:

| Code | Title | Hours |
|---|------------------------------|-----------|
| A. Lower Division Required Courses | | |
| DGN 110 | Intro to Design Applications | 3 |
| B. Upper Division Requirements | | |
| Required Courses: | | |
| DGN 310 | Graphic Design 1 | 3 |
| DGN 330 | Motion Design 1 | 3 |
| DGN 430 | Motion Design 2 | 3 |
| Total Hours | | 12 |

Photography, Minor

Requirements (12 units)

The Minor in Photography provides students with an introduction to the fundamentals of photography. To complete the Minor in Photography, the following courses must be taken:

To complete the Minor in Photography, the following courses must be taken:

| Code | Title | Hours |
|---|---------------------|-------|
| A. Lower Division Required Courses | | |
| ART 170 | 2-D Design | 3 |
| B. Upper Division Required Courses | | |
| PHT 300 | Digital Photography | 3 |
| PHT 350 | Photography 2 | 3 |

| | | |
|--------------------|-----------------------|-----------|
| PHT 400 | Digital Photography 3 | 3 |
| Total Hours | | 12 |

Digital Media Arts

Note: The Bachelor of Arts in Digital Media Arts is suspended.

Students are invited to apply to the Bachelor of Arts in Audio Engineering (p. 387) or the Bachelor of Arts in Film and Television Production (p. 557).

College of Arts and Humanities
Department of Digital Media Arts

Program Description

Digital Media Arts at CSUDH is a hands-on, professionally-oriented B.A. Degree program geared for students who want marketable job skills for careers in the television, motion picture, music recording, sound design, and interactive media industries. Students major in one of the three DMA degree options:

1. Audio Recording Option;
2. Music Technology Option; or
3. Television Arts Option.

In this program, students

1. track, mix, and master their own original music recordings in stereo and 5.1 surround sound in our two Recording Studios that are available to students on a 24/7 basis;
2. write, produce, direct, and edit their own music video, documentary, drama, public service announcement (PSA), TV commercial, and client-based video projects in our 10,000 square-foot Television Studio and twelve editing bays that are available to students on a 24/7 basis; and
3. design and author their own interactive DVD, Blu-ray, and websites in our state-of-art computer lab facilities equipped with the latest software.

The mission of the Digital Media Arts Department is to

1. provide an academic program that gives students a solid base in the theory and technology skills required for professional careers in the digital media industries;
2. provide hands-on experience in the basic software and hardware tools utilized in digital media production;
3. provide the opportunity for students to work in teams, applying their producing, directing, writing, composing, editing, and engineering skills to produce a variety of professional-quality digital media products; and
4. develop interpersonal skills and professional demeanor that will enable students to work effectively and cooperatively as team players on collaborative projects in the industry.

The DMA curriculum emphasizes collaborative teamwork among the students in our three program options. For example, Television Arts students will write, produce, film, and edit a TV commercial or short movie that our Audio Recording students then take over to perform the sound design elements of ADR, foley, and sound effects editing, while our Music Technology students compose, arrange, and record original music scores for the film's soundtrack. Conversely, our Audio Recording and Music Technology students record and produce a band's song while the

Television Arts students film and edit the music video for the song and the bonus material for the interactive DVD, Blu-ray, or website, such as interviews with the band and behind-the-scenes "making of" footage.

The Digital Media Arts curriculum is geared for students who want to have careers working as professionals in the digital media industry. These career goals include producer, director, sound engineer, writer, composer, editor, director of photography, camera operator, audio/video post-production, sound designer, disc authoring, MIDI composer/arranger, motion graphics and animation designer, webmaster, and freelance videographer. With Hollywood just 20 minutes from campus, our students have the opportunity to work for and serve internships at a variety of commercial TV stations, recording studios, motion picture studios, audio and video post-production houses, and cable networks. There are also internship and employment opportunities for our students in noncommercial media venues such as educational media at schools and colleges and in-house media production at major corporations.

The Certificate in Television Arts (21 units) and the Certificate in Audio Technology (24 units) are designed for students already holding a Bachelor's Degree whose primary objective is immediate training in the field of television production or audio recording. These certificate programs allow students to concentrate exclusively on just the training in their selected field of study.

Features

Television Studio allows students to produce multi-camera projects in a 10,000 square-foot sound stage equipped with real time 3D virtual set creation for digital compositing on a 40x12 covered cyc, Grass Valley SEG, Inscriber CG, Leicht Still Store, Kino-Flo and Mole-Richardson studio lighting, Mackie 16 channel mixer, and Strand CD80 dimmer system.

Recording Studios equipped with Pro Tools 10 HD with HDX 24 In/Outs; SSL AWS-900+SE, 32x24x2 Console, 32x24x2 Sound Workshop Console, Furman HDS-6 and HR-6 headphone distribution system, Blue Sky monitors, various plug-ins by Sony, Oxford, Line 6, Digidesign, Native Instruments, Focusrite, Massenberg Design Works, M-Audio, and McDSP, and a variety of professional microphones such as Neumann U-87, TLM-170, KM-83/84, AKG C414, Audix DP-5 drum pack, Groove Tube MD-1, and Sennheiser MD421 for recording, mixing, and mastering in stereo and 5.1 surround. Avantone Reference Monitors are also available for composite soundtrack mixing of dialogue, foley, sound effects, and music score for television and film projects.

Design Labs equipped with 20 Mac Pro stations and 25 iMac stations allow students to design disc cover packaging, motion graphics, television titles, websites, and green screen effects using Photoshop, Illustrator, After Effects, and Dreamweaver.

Video Editing Suites allow students to edit projects using Avid, Final Cut Pro, and Premiere in rooms equipped with Encore for Blu-ray and DVD authoring.

Field Production Camera Systems equipped with Panasonic HD camcorders; Nikon full-frame cine-rig DSLR's with prime lenses, Tascam PCM audio recorders, and DP-4 professional monitors; Sachtler tripods; Cobra crane and dolly systems; LED light kits by Dracast, Fiilex, and Ikan; Lowel lighting kits with Rifa softboxes; Chauvet ellipsoidal spots; Reflectmedia portable green screen system; GoPro cameras with helmet, handle bar, and suction cup mounts; steady trackers; sliders; Matthews C-Stands and Road Rags; Sennheiser boom microphone systems with PCS

carbon fiber poles; and Ikan HD field monitors allow students to shoot professional-quality video on location.

Mackie Station consists of a Mackie 16x8 Mixing Console and a Roland A90 full-weighted controller equipped with ProTools M-Powered, Digital Performer, Reason, Tassman, Logic, MOTU Symphonic, and VocAlign for ADR, foley, music scoring, walla-walla, and sfx drop-ins.

Live Sound Reinforcement System equipped with QSC power amps, JBL speakers, Yamaha stage monitors, Audix DP-7 drum mike package, Shure SM57/58 mikes, and Atlas stands.

Students receive hands-on instruction on the proper use of the equipment in these production facilities. Once students pass their Proficiency Exams, they can schedule access to these facilities on a 24/7 basis to work on class production projects outside of class time.

Graduation with Honors

Undergraduate students may be candidates for graduation with honors in Digital Media Arts if they meet the following criteria:

1. A minimum of 45 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of 3.7 in all courses used to satisfy the requirements for the Digital Media Arts major.
3. A cumulative grade point average of 3.7 in all courses taken at CSU Dominguez Hills.

Academic Advisement

It is crucial that students meet with the appropriate advisor of their selected degree option before enrolling in or planning a course schedule in Digital Media Arts. (Television Arts, George Vinovich gvinovich@csudh.edu); (Audio Recording, Mark Waldrep mwaldrep@aixmediagroup.com); (Music Technology, Joshua McKendry jmckendry@csudh.edu). These advisors assist students in selecting appropriate courses and staying on track in their selected degree option in Digital Media Arts.

Digital Media Arts courses are offered in a specific sequence that requires prerequisite and co-requisite courses. Consulting with the appropriate advisor ensures that students complete their program in the most expedient and efficient manner possible. As such, students do not waste time and energy by completing unnecessary courses and units. Advisors also serve as career counselors and concerned mentors to help bridge the gap between the world of the university and the world of the working professional.

Preparation

Students entering the Digital Media Arts program who wish to focus on Audio Recording or Music Technology should have a demonstrated interest and/or background in music, composition, audio production, and current uses of personal computers in the field. Additionally, students familiar with the internet and other online information services will find these skills essential in the rapidly changing world of digital media production and delivery. Students interested in pursuing professional careers in the highly-competitive television and film industry should be aware that those who succeed in establishing a career in the industry are characteristically hard-working, disciplined, focused on a career, and most of all, resilient to persevere in the face of continuous rejection. Strong writing, interpersonal, and computer skills are a definite advantage in this field.

Recommended Lower Division Electives

| Code | Title | Hours |
|--------------------|------------------------|-----------|
| ART 170 | 2-D Design | 3 |
| COM 100 | Media & Society | 3 |
| COM 206 | Photojournalism | 3 |
| COM 250 | Writing for the Media | 3 |
| MUS 110 | Music Fundamentals | 3 |
| MUS 111 | Intro. To Music Theory | 3 |
| Total Hours | | 18 |

Student Organizations

DMA students can enhance their academic studies and involvement in the industry by joining the DMA Success Club on campus or by becoming student members of professional organizations such as the Society of Motion Picture and Television Engineers (SMPTE), the Media Communicators Association- international (MCA-i), or the local student chapter of the Audio Engineering Society (AES). Student membership in these professional associations allows students to network with industry executives and working professionals regarding internships and job opportunities in the field. The proximity of the campus to the center of the media and entertainment industry of Hollywood, Burbank, and Los Angeles allows students to attend major trade show conferences such as ShowBiz Expo, Post L.A., Musicom, DV Expo, SMPTE, NAB and SIGGRAPH.

Career Possibilities

Graduates from the Digital Media Arts program will find career opportunities in a wide range of existing entertainment, informational, and educational venues. The broad focus of the instruction in this program prepares students for roles as media production specialists, audio engineers and producers, interactive designers, music technologists, and MIDI-assisted composers. The emerging areas of the internet will create additional demand for graduates skilled in advanced media production techniques. The Television Arts program with its hands-on training and production project experience prepares graduates for a variety of career opportunities in the television and film industry such as producer, director, writer, camera operator, video editor, lighting director, sound technician, and motion graphics designer in a variety of venues such as commercial broadcasting at TV stations, networks, studios, and production houses; noncommercial television such as in-house corporate, government, educational, and institutional communications operations; public access and local origination cable television; and of course, free-lance production services as a video consultant.

Undergraduate Programs

Bachelor

- Digital Media Arts, Bachelor of Arts (p. 530)

Certificate

- Audio Technology, Certificate (p. 530)
- Television Arts, Certificate (p. 531)

Faculty

George Vinovich, Department Chair
 Professors: David Bradfield, Mark Waldrep
 Division Office: LCH E-303, (310) 243-3543

Courses

DMA 195. Special Topics in Music. (1-3 Units)

Offered As needed

DMA 300. Digital Technology, Culture and the Arts. (3 Units)

Prerequisite: HUM 200 or consent of instructor. Survey of the impact of digital technology on culture and the arts including but not limited to the visual arts, music, dance, video, film, literature, and theatre. Offered Fall

DMA 310. Tools and Techniques in Digital Media Production. (3 Units)

Prerequisite: Must have junior standing or consent of instructor. Introduction and examination of the fundamental software and hardware tools used in the production of media for digital delivery. Emphasis on creative production techniques and the development of skills required in the digital media industry. Restricted to majors. Offered Fall, Spring

DMA 320. TV Directing I. (3 Units)

Co-requisites: Concurrent enrollment in DMA 323 and DMA 328. Fundamental techniques in producing and directing multi-camera television productions in the studio, and single-camera, film-style programs on location. Emphasis on producer/director skills for performance-based productions in the studio and on location. Six hours of activity per week. Restricted to majors. Offered Fall

DMA 322. TV Directing II. (3 Units)

Prerequisites: DMA 310, DMA 320, DMA 323, and DMA 328 are required. Advanced techniques in producing and directing multi-camera television productions and single-camera, film-style programs in the studio and on location. Emphasis on producer/director skills for drama-based productions. Six hours of activity per week. Restricted to majors. Offered Spring

DMA 323. TV Crew Production. (3 Units)

Co-requisite: Concurrent enrollment in DMA 328 and either DMA 320 or DMA 322. Participation in a variety of crew assignments on production projects in the studio and on location. Repeatable for credit. Six hours of activity per week. Offered Fall, Spring

DMA 324. TV Titling and Animation. (3 Units)

Prerequisite: DMA 310 is required. Introduction to computer-generated titles and basic, two-dimensional animation for television production. Students will explore the aesthetics of graphic design elements for the screen and related software programs. Six hours of activity per week. Restricted to majors. Offered Spring

DMA 325. EFP Videography. (3 Units)

Prerequisites: DMA 310, DMA 320, DMA 323, and DMA 328 are required. Restricted to majors. Application of professional-format videotape recording techniques used in location shooting. Emphasis on using portable lighting systems, reflectors, and location sound recording techniques. Experience in technical aspects of equipment setup, system trouble shooting, and preventative maintenance. Six hours of activity per week. Offered Spring

DMA 326. TV Sound Design. (3 Units)

Prerequisites: DMA 310, DMA 320, DMA 323, and DMA 328 are required. Use of synthesizers, samplers, and MIDI for music scoring, sound effects drop-ins, ADR, and foley in television and stage productions. Six hours of activity per week. Restricted to majors. Offered Spring

DMA 327. Independent TV Production. (3 Units)

Prerequisite: DMA 322 and DMA 323. Aspects of producing television features on an independent-producer basis. Practice in pre-production coordination, location shooting, directing, and editing techniques in the production of a broadcast-quality feature segment for public airing on the University cable TV channel. Repeatable for credit. Six hours of activity per week.

Offered Spring

DMA 328. DSLR Video Production. (3 Units)

Co-requisites: DMA 320 and DMA 323 are required. Introduction to the theory and practice of using DSLR photo cameras for video production. Students will learn fundamental techniques for lighting, proper exposure, camera movement, audio recording, and video editing.

Offered Fall

DMA 330. Audio Recording. (3 Units)

Prerequisite: Junior standing or consent of instructor. Theory and practice of sound recording. Acoustics, psychoacoustics, microphones and microphone techniques, consoles, mixers, signal processing and multi-track recording techniques.

Offered Fall

DMA 331. Audio Recording Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 330. Hands-on experience in studio recording using Pro Tools HD. Live mix to stereo techniques and fundamentals of studio flow path. Three hours of laboratory per week.

Offered Fall

DMA 335. Music Synthesis. (3 Units)

Prerequisite: Junior standing or consent of instructor. Production techniques, equipment, theory, and history of electro-acoustic music with an emphasis on MIDI. Psychoacoustics and a conceptual approach to electronic music production using a variety of MIDI-based software.

Offered Fall

DMA 336. Music Synthesis Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 335. Hands-on experience in production using hardware and software synthesizers and MIDI in conjunction with Pro Tools, Digital Performer, Reason, and various sequencers for a variety of musical styles. Three hours of laboratory per week.

Offered Fall

DMA 346. Digital Media Prod Workshop. (1 Units)

Prerequisite: Consent of instructor. Investigation of a single topic, chosen in consultation with a faculty member, culminating in a paper, presentation, or creative project. Repeatable for credit for up to six units.

Offered Fall, Spring, Summer

DMA 400. Strategies for Digital Media Delivery. (3 Units)

Prerequisite: DMA 310. Advanced exploration into the methods and mechanics of informational and entertainment design and delivery. Evaluation of media production strategies including linear and non-linear scripting, conditional branching, and virtual reality via online, optical disc, and hybrid formats

Offered Fall, Spring

DMA 410. Media Arts Projects. (3 Units)

Prerequisites: DMA 320 required. Experience in producing client-based projects for a variety of campus, corporate, or community organizations. Students participate in a variety of activities ranging from video coverage and live sound reinforcement of campus events to writing, filming, recording and editing client-based projects.

Offered Spring

DMA 430. Advanced Audio Recording. (3 Units)

Prerequisite: DMA 330 and consent of instructor. A continuation of DMA 330 incorporating digital audio workstations and associated peripheral equipment, signal processing and mastering for optical disc and web delivery, console automation, 5.1 surround mixing techniques, and DVD audio.

Offered Spring

DMA 431. Advanced Audio Recording Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 430 and consent of instructor. Practical multi-track session work featuring increased access to studio facilities for individual and group recording projects using Pro Tools HD in conjunction with analog console and Digidesign Command 8 control surface. Three hours of laboratory per week.

Offered Spring

DMA 432. Recording Studio Maintenance. (2 Units)

Prerequisites: PHY 331 and concurrent enrollment in DMA 433 is recommended. Installation, maintenance, trouble shooting, and repair of professional audio equipment in a studio environment. Repeatable course.

Offered Fall, Spring

DMA 433. Recording Studio Maintenance Lab. (1 Units)

Prerequisites: PHY 331 and previous or concurrent enrollment in DMA 432. Installation, maintenance, trouble shooting, and repair of professional audio equipment in a studio environment. Repeatable course. Three hours of laboratory per week.

Offered Fall, Spring

DMA 435. Advanced Music Synthesis. (3 Units)

Prerequisite: DMA 335 and consent of instructor. A continuation of DMA 335. Synthesizer and sampler sound design using a variety of synthesis strategies and concepts. Direct software and hardware sound synthesis theory using software synthesizers such as Tassman and Reason, modular synthesizers and MIDI.

Offered Spring

DMA 436. Advanced Music Synthesis Lab. (1 Units)

Prerequisite: Previous or concurrent enrollment in DMA 435 and consent of instructor. Experience in programming a variety of digital synthesizers including Tassman, Reason, FN-7, and Motu software synthesizers. Three hours of laboratory per week.

Offered Spring

DMA 438. Music Production. (3 Units)

Prerequisite: DMA 330, DMA 331 and DMA 431 are required. Analysis of recordings in music production. Spatial and timbral ear-training techniques for recording engineers and producers. Access to Pro Tools HD 5.1 surround system and a variety of engineering and production topics which include surround mixing techniques, advanced microphone techniques, DVD Audio specifications, and DVD authoring. Restricted to majors.

Offered Fall, Summer

DMA 439. Music Production Lab. (1 Units)

Prerequisites: DMA 330, DMA 331, DMA 430 and DMA 431 are required. Practice in the production of studio recordings. Responsibility for music composition and arrangements, rehearsal, performance, studio and musician bookings, artist promotion, engineering assistance and artistic direction and management. Interdisciplinary projects involving video or theatre are also possible. Repeatable course. Three hours of laboratory per week. Restricted to majors.

Offered Fall, Summer

DMA 447. Audio Projects Lab. (1 Units)

Prerequisite: DMA 331 and DMA 431. Advanced studio session work culminating in passing the Audio Recording Proficiency Exam
Offered Infrequent

DMA 450. Computer Music. (3 Units)

Prerequisite: DMA 435 and consent of instructor. Advanced studies in computer applications in music. Course concentrates on CSOUND and new technologies. Topics will vary with new innovations in the field. Students will have access to Pro Tools LE workstations for individual projects. A-C/NC grading.
Offered Summer

DMA 452. Audio Production. (3 Units)

Prerequisite: DMA 430 and DMA 431 are required. Advanced skills in integrating audio production components of voice over, music, and sound effects with graphics, motion graphics and video on multi-media projects that include proposal, interactive design, audio recording, music mixing, mastering, and encoding and authoring to optical disc.
Offered Fall

DMA 456. Mixing and Mastering. (3 Units)

Prerequisites: DMA 438 and DMA 439 are required. Theory and practice in various styles of mixing and mastering popular music. Application of panning, equalization, dynamics processing, spatial effects, modulation effects, automation, song sequencing and methods for final delivery. Hardware-based instruction. ITB digital methods and hybrid workflows.
Offered Spring

DMA 460. Digital Audio Workstation Concepts. (3 Units)

Prerequisites: DMA 435 and DMA 436 are required. Theory and practice of operating a Digital Audio Workstation using a variety of software programs. Experience in recording session set-ups, grouping, touting techniques, MIDI composition and editing, song structuring, an editing and mixing scenarios for outputting stereo stem mixes.
Offered Fall

DMA 490. Senior Seminar. (3 Units)

Prerequisite: DMA 331 and DMA 431. Research projects, chosen in consultation with the instructor, culminating in a paper, presentation, or creative project.
Offered Infrequent

DMA 494. Independent Study. (1-3 Units)

Traditional and modern approaches to the study of language. Fundamentals of phonology and grammar.
Offered Fall, Spring

DMA 495. Special Topics in DMA. (3 Units)

Study of a single topic or contemporary issue in the entertainment industry of television, film, music, or digital media to be determined by the instructor. Repeatable for credit. Repeatable 3 times for a maximum of 9 units.
Offered Infrequent

DMA 496. Internship in the Media. (1-3 Units)

Directed work experience in the television, film, music, or digital media industry under the supervision of a professionally-qualified mentor. CR/NC grading only. Repeatable for credit. Ten hours of work experience per week.
Offered Fall, Spring, Summer

DMA 499. Senior Proj Digital Media. (2 Units)

Prerequisite: Senior standing or consent of instructor. A capstone course culminating in the production of a final, collaborative project in conjunction with students from other program options in Digital Media Arts. Selected in consultation with and evaluated by a faculty panel.
Offered Fall, Spring

Audio Technology, Certificate Requirements

Required Courses

| Code | Title | Hours |
|---------|----------------------------------|-------|
| DMA 330 | Audio Recording | 3 |
| DMA 331 | Audio Recording Lab | 1 |
| DMA 335 | Music Synthesis | 3 |
| DMA 336 | Music Synthesis Lab | 1 |
| DMA 430 | Advanced Audio Recording | 3 |
| DMA 431 | Advanced Audio Recording Lab | 1 |
| DMA 432 | Recording Studio Maintenance | 2 |
| DMA 433 | Recording Studio Maintenance Lab | 1 |
| PHY 331 | Audio Electronics | 3 |
| PHY 335 | Digital Electronics | 3 |
| PHY 337 | Microprocessors | 3 |

Total Hours **24**

Synthesizer Proficiency Exam

Requires the student to demonstrate a knowledge of contemporary analog and digital synthesis terms and techniques and to produce a specified sonic design on a studio synthesizer.

Audio Recording Proficiency Exam

Requires the student to demonstrate a practical working knowledge of standard studio procedures and techniques as well as operational familiarity with the equipment found in a multi-track recording facility.

Digital Media Arts, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (51-61 units)

Students must select one of the options listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---------------------------------|--|-----------|
| Common Core Requirements | | |
| DMA 300 | Digital Technology, Culture and the Arts | 3 |
| DMA 310 | Tools and Techniques in Digital Media Production | 3 |
| DMA 346 | Digital Media Prod Workshop | 1 |
| DMA 400 | Strategies for Digital Media Delivery | 3 |
| DMA 499 | Senior Proj Digital Media | 2 |
| Total Hours | | 12 |

Program Learning Outcomes

- Demonstrate application of the basic software and hardware tools used in digital media production (in area of emphasis)
- Produce a product that reflects professional level production value and standards relative to student producer time and budget constraints.
- Demonstrate ability to create and produce a capstone digital media product that meets the objective of its target audience.
- Demonstrate ability to work effectively and cooperatively with others as a co-producer on team projects
- Perform in a manner that is consistent with the professional image and demeanor of the digital media industries.

Television Arts, Certificate

Requirements

Required Courses

| Code | Title | Hours |
|--------------------|---------------------------|-----------|
| DMA 320 | TV Directing I | 3 |
| DMA 322 | TV Directing II | 3 |
| DMA 323 | TV Crew Production | 3 |
| DMA 324 | TV Titling and Animation | 3 |
| DMA 325 | EFP Videography | 3 |
| DMA 327 | Independent TV Production | 3 |
| Total Hours | | 18 |

EFP Proficiency Exam

Requires the student to pass a hands-on, practical exam on the setup, calibration, operation, troubleshooting, and storage of the electronic field production camera system, lighting kit, and Sachtler support system used for location shooting. Students must pass this exam before checking out equipment for off-campus use on production projects.

Edit Room Proficiency Exam

Requires each student to pass a hands-on, practical exam on the operation, calibration, and troubleshooting of the Avid Nonlinear editing system. Students must pass this exam before booking independent editing time outside of class hours.

Earth Science

College of Natural and Behavioral Sciences

Department of Earth Science and Geography (<https://www.csudh.edu/earth/>)

Program Description

The Earth Science major is one of two programs housed in the Department of Earth Science and Geography. The Earth Science degree is a cross-disciplinary program that trains students for careers involving earth system science, which broadly includes the physical science behind the interactions of the lithosphere, atmosphere, and hydrosphere. The Earth Science program also examines the contribution of those systems to natural landscapes and geological hazards. Importantly, it also considers the relationship of human populations to these geosystems.

If you are curious about the answers to the following questions, Earth Science might be the right major for you:

- How and when did the Earth form? How has Earth evolved? What is the history of life on Earth? When did mass extinctions occur, and what caused them?
- What is plate tectonics, and how do tectonic plates interact? How do mountains form? Where and why do volcanoes form? What causes earthquakes? Can we predict them? Why or why not? How do tsunamis form?
- What are the different drainage patterns for river systems? How do flowing water and ice sculpt the landscape? How does the generation of hydroelectricity change the characteristics of flowing rivers?
- What is groundwater, why is it important to humans, and what are the implications of groundwater contamination?
- What has Earth's climate been like in the past, and how might the climate change in the future? What are the greenhouse effect and ocean acidification? What is the carbon cycle, and why is it important?
- What are the differences between non-renewable, renewable, and perpetual natural resources? What is the supply versus demand for water, petroleum, coal, minerals, and other natural resources? What are the pros and cons of various energy sources including nuclear, solar, wind, geothermal, hydroelectric, and carbon-based fuels?

Features

The Earth Science and Geography Department has a map library containing several thousand map sheets. The department also has two dedicated computer laboratories, the Earth Sciences Spatial Analysis Laboratory (ESSAL) which acts as a center for remote sensing and GIS-based research projects, and a teaching laboratory that provides computer-based teaching with an emphasis on geotechniques. These labs provide sophisticated image processing and spatial analysis software as well as libraries of satellite imagery and spatial databases. There is also a climate research laboratory with specialized equipment for analyzing tree rings and cave deposits. Additional equipment includes Global Positioning System (GPS) receivers and advanced instruments for field data collection.

The faculty have expertise in plate tectonics, historical geology, and field geology; hydrology, atmospheric science, air quality, climate change, and landscape change; geographic information systems, remote sensing, and sensor networks, plus urban planning, environmental planning, and environmental science. The broad expertise of the faculty provides an unusual opportunity for motivated undergraduate students to work closely with their professors and gain "hands-on" experience within domestic and international research projects.

Academic Advisement

Majors should consult with their advisor prior to registration each semester. Records of student progress toward the degree are accessible online through MyCSUDH. Students should check their progress regularly.

Preparation

For high school students, the best preparation for the Earth Science major is a well-rounded program of high school courses in humanities, four years of natural sciences, mathematics, and written and oral communication.

Community college transfer students should have completed an introductory course in geology or physical geography. Other introductory courses in the physical or biological sciences, including field courses, are encouraged.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Earth Science provided they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Possibilities

The Earth Science major prepares students for a wide range of employment opportunities within government, industry and nonprofit organizations. Specific fields include environmental protection and consulting; natural resource management; air and water quality monitoring; geologic hazards and geotechnical investigations; water supply and power generation utilities. The Earth Science degree also provides excellent preparation for graduate programs.

Students may prepare for a teaching career at a secondary school (middle or high school) by completing an approved "Subject Matter Preparation Program" for Geoscience. Completion of such a program is the first step in meeting the state requirements for a teaching credential. As the program requirements for the Subject Matter Preparation Program routinely change, interested students should consult with the appropriate advisor for current information.

Undergraduate Programs

Bachelor

- Earth Science, Bachelor of Science (p. 533)

Minor

- Earth Sciences, Minor (p. 535)

Faculty

John Keyantash, Department Chair
Parveen Chhetri, Brendan McNulty, Ashish Sinha

Instructional Support Tech Office: LIB 1114, (310) 243-3368
Department Office: NSM B-202, (310) 243-3377

Emeriti Faculty

Rodrick Hay, Ralph Saunders, David Sigurdson, Jamie Webb

Courses

EAR 100. Physical Geology. (3 Units)

Prerequisite: Concurrent enrollment in EAR 101 is recommended. Volcanoes, earthquakes, oceanic processes and continental drift. Rock and mineral identification is enhanced by concurrent enrollment in EAR 101. Meets certain general studies requirements, is fundamental to the Geology major, and has wide-ranging applications in art, commerce, public policy, and science. Field Trip.
Offered Fall, Spring

EAR 101. Physical Geology Laboratory. (1 Units)

Prerequisite: Concurrent enrollment in EAR 100 is recommended. Nature and origin of rocks and minerals through determination of physical properties of specimens. Topographic and geologic map analysis. Geological features from stereoscopic air photos. Recommended elective for students interested in the outdoors, archaeology, mineral deposits, land use, and natural hazards.
Offered Fall, Spring

EAR 200. Earth History and Evolution. (3 Units)

Prerequisite: EAR 100, EAR 101, and concurrent enrollment in EAR 201. This course covers the evolution of the Earth's dynamic systems and their record through geologic time. Emphasizes interactions between the physical, chemical, and biological components of the Earth system. Includes development of the geologic time scale, origin of the planet, early life, biological evolution, the fossil record, mass extinctions, and climate change.
Offered Spring even

EAR 201. Earth History Lab. (1 Units)

Prerequisite: Concurrent enrollment in EAR 200. Laboratory analysis of depositional processes and ancient environments. Topics include radiometric dating, geologic maps, facies analysis, fossil records, and stratigraphic correlations. Three hours of laboratory per week
Offered Spring even

EAR 312. Natural Disasters. (3 Units)

Prerequisite: Completion of lower division General Education. Examines the impact of natural events on human activities and vice versa. Mankind's uneasy relationship with atmosphere, oceans and not-so-solid Earth. Examines the study of earthquakes, volcanoes, floods, landslides, tsunamis, climate change, hurricanes, tornadoes, and wildfires.
Offered Fall, Spring, Summer

EAR 370. The World Ocean. (3 Units)

Prerequisite: EAR 100 or GEO 200 is recommended. This course introduces global oceanographic phenomena and emphasizes the interdisciplinary nature of ocean processes, including the ocean's role in regulating Earth's climate. Topics include the physical and chemical characteristics of seawater, and the vertical and spatial distributions of temperature, salinity, gases, and density; surface and deep-water circulations
Offered Spring odd

EAR 376. Field Mapping. (3 Units)

Prerequisites: EAR 100 and EAR 101 are required, or consent of instructor. Introduction to geological and environmental field mapping. Techniques include working with topographic maps and remotely-sensed images, use of Brunton compass traverse methods, and interpretation of sedimentary rocks and geological structures (faults, folds). Applications to geotechnical work, resource management, environmental and archaeological surveys, and outdoor education activities. Eight hours of laboratory and one-half hour of lecture per week.
Offered Spring even

EAR 410. Environmental Geology. (3 Units)

Study of human interaction with the geologic environment. Mitigating exposure to geological hazards (earthquakes, volcanic eruptions, landslides); environmental consequences of geological resource (fossil fuels, minerals, water) extraction and consumption; surface and groundwater contamination; acid rain; climate change; waste burial. Offered Spring odd

EAR 416. Earth Science for Teachers. (3 Units)

Prerequisites: Completion of lower division General Education. Study of planet Earth featuring units in geology, oceanography, weather, and astronomy, as appropriate for elementary and secondary school teachers. Two hours of lecture and three hours of laboratory per week Offered Fall, Spring, Summer

EAR 450. Plate Tectonics and the Rock Cycle. (4 Units)

Prerequisites: EAR 100 and EAR 101 are required. Study of plate tectonic processes and how they relate to the formation of rocks and the rock cycle. Includes earthquakes, volcanic activity, hot spots and plate boundary types. Offered Fall even

EAR 460. Global Change. (3 Units)

An interdisciplinary introduction to the science of understanding global change natural as well as anthropogenically induced. Key topics include the physical climate system and its variability, the carbon cycle, land and water issues, and the impact of global change on society. Offered Fall even

EAR 476. Groundwater. (3 Units)

Prerequisites: EAR 100 and EAR 101 are required. CHE 108 or CHE 110 is recommended. Study of the movement of underground water through geological layers. Topics include the geological characteristics of aquifers, wells, and connectivity with surface water resources. Includes groundwater chemistry and contaminant transport, plus considerations for the management of groundwater resources. Offered Fall even

EAR 478. Engineering Geology. (3 Units)

Prerequisite: EAR 450. Evaluation and abatement of geologic hazards affecting construction projects and land use. Landslides, groundwater pollution, subsidence, flooding, and earthquake effects. Mechanical properties of rocks and soils. Case histories and site investigations. Application to business, law, construction engineering and environmental studies. Two hours of lecture and three hours of laboratory per week. Offered Infrequent

EAR 490. Sr Sem In Earth Sciences. (1 Units)

Prerequisite: Senior standing in Earth Sciences or consent of instructor. Study and discussion of current research in Earth Sciences. Techniques of oral presentation, library research and preparation of audiovisual materials. One hour of seminar per week. Offered Infrequent

EAR 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. Independent study of a particular earth science or environmental topic under the supervision of an Earth Science faculty member. Offered Fall, Spring

EAR 495. Advanced Top In Ear Sci. (3 Units)

Selected topics in Earth Science with course content to be determined by instructor. Repeatable course. Offered Spring

EAR 496. Internship In Earth Sci. (1-3 Units)

Prerequisite: Consent of instructor. Employment as an assistant or volunteer in an earth sciences-related firm or government agency. Course may run at time convenient to student and employers, including summer. Student should contact Department faculty three months prior to enrollment. CR/NC grading. Repeatable course. Offered Fall, Spring

EAR 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. Research of a particular earth science or environmental problem under the direction of an Earth Science faculty member. Offered Fall, Spring

Earth Science, Bachelor of Science Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Students completing this major are not required to complete a minor in another field.

Major Requirements (58-63 units)

| Code | Title | Hours |
|--|--|-------|
| Lower Division Required Courses | | |
| EAR 100 or GEO 200 | Physical Geology Physical Geography | 3 |
| EAR 101 | Physical Geology Laboratory | 1 |
| EAR 200 | Earth History and Evolution | 3 |
| EAR 201 | Earth History Lab | 1 |
| Select one of the following: | | 7-10 |
| MAT 131 & MAT 171 | Elementary Statistics and Probability and Survey of Calculus for Management and Life Sciences | |
| MAT 191 & MAT 193 | Calculus I and Calculus II | |
| Select one of the following options: | | 8-10 |
| Option 1: | | |
| CHE 110 & CHE 112 | General Chemistry I and General Chemistry II | |
| Option 2: | | |

| | | |
|--|--|--------------|
| PHY 120 & PHY 122 | Elements Of Physics I and Elements Of Physics II | |
| Option 3: | | |
| BIO 120 & BIO 121 | Principles of Biology I and Principles of Biology Laboratory I | |
| BIO 122 & BIO 123 | Principles of Biology II and Principles of Biology Laboratory II | |
| Upper Division Required Courses | | |
| EAR 370 | The World Ocean | 3 |
| EAR 376 | Field Mapping | 3 |
| EAR 410 | Environmental Geology | 3 |
| EAR 450 | Plate Tectonics and the Rock Cycle | 4 |
| EAR 460 | Global Change | 3 |
| EAR 490 | Sr Sem In Earth Sciences | 1 |
| GEO 370 | Numerical Methods in Geography | 3 |
| GEO 412 | Rivers and Streams | 3 |
| GEO 415 | Geographic Information Systems | 3 |
| Select nine units from the following: | | 9 |
| EAR 476 | Groundwater | |
| GEO 310 | Geomorphology | |
| GEO 315 | The Weather | |
| GEO 357 | Urban Environmental Geography | |
| GEO 380 | Biogeography | |
| GEO 408 | Remote Sensing and Image Processing | |
| GEO 416 | Earth's Climates | |
| GEO 420 | Natural Resources | |
| GEO 433 | Environmental Analysis and Planning | |
| EAR 495 | Advanced Top In Ear Sci | |
| EAR 496 | Internship In Earth Sci | |
| Total Hours | | 58-63 |

- **Geographic Literacy:** Students will apply their knowledge of the world's geography by interpreting topographic and thematic maps. They will demonstrate their ability to think geographically by analyzing geographic problems at a variety of scales.
- **Environmental Processes:** Students will demonstrate their understanding of the utilization and distribution of key natural resources. This will include fundamental transport processes such as the hydrologic cycle, the rock cycle, and circulations through the world ocean and global atmosphere and their relationship to contemporary environmental issues.
- **Geotechniques:** Students will demonstrate their understanding of geotechniques such as GIS, remote sensing, spatial statistics, and field maps. Students will apply spatial statistics and other forms of numerical analysis to interrogate existing and original geographical data sets.
- **Field Experience:** Students will apply field research techniques toward the completion of field mapping and other data collection exercises.
- **Written and Oral Communication:** Students will demonstrate their ability to describe research and to summarize research results in essays, written reports and oral presentations.
- **Group Activities:** Students will be able to work together in small groups to collect and analyze classroom/field data and they will demonstrate their ability to collaborate with other students to deliver research presentations.

- **Professional Preparation:** Students will hone research skills and work on research projects which reflect their command of the subject matter and its relevance to contemporary environmental issues, as well their command of geotechniques and their application. The research projects prepare students for graduate school and/or the workforce, and can be used as examples of the kinds of knowledge and expertise that they could bring to prospective employers.

4-Year Degree Roadmap

| Course | Title | Hours |
|--|--|--------------|
| First Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| GE Area A3 | Logic/Critical Thinking | 3 |
| GE Area C | Arts and Humanities | 3 |
| GE Area D | Social Science | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |
| Spring | | |
| THE 120 | Fundamentals of Speech | 3 |
| MAT 131 or MAT 191 | Elementary Statistics and Probability or Calculus I | 3-5 |
| EAR 100 or GEO 200 | Physical Geology or Physical Geography | 3 |
| EAR 101 | Physical Geology Laboratory | 1 |
| GE Area C or D | | 3 |
| Elective to meet 120 units (If registered in MAT 191, elective course not necessary this term) | | 2-3 |
| Hours | | 15-18 |
| Second Year | | |
| Fall | | |
| GE Area B2 | Life Science | 3 |
| MAT 171 or MAT 193 | Survey of Calculus for Management and Life Sciences or Calculus II | 4-5 |
| GE Area C or D | | 3 |
| HIS 101 | | 3 |
| Elective to meet 120 units | | 2-3 |
| Hours | | 15-17 |
| Spring | | |
| EAR 200 | Earth History and Evolution | 3 |
| EAR 201 | Earth History Lab | 1 |
| GE Area C or D | | 3 |
| GE Area F | Ethnic Studies | 3 |
| POL 101 | American Institutions | 3 |
| Elective to meet 120 units | | 2-3 |
| Hours | | 15-16 |
| Third Year | | |
| Fall | | |
| GEO 415 | Geographic Information Systems | 3 |
| CHE 110 or PHY 120 or BIO 120 | General Chemistry I or Elements Of Physics I or Principles of Biology I | 3-5 |
| Major Elective Course | | 3 |
| Major Elective Course | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15-17 |
| Spring | | |
| EAR 376 | Field Mapping | 3 |
| GEO 412 | Rivers and Streams | 3 |
| CHE 112 or PHY 122 or BIO 122 | General Chemistry II or Elements Of Physics II or Principles of Biology II | 5 |
| GE Area C3 or D3 | | 3 |

| | |
|--|----------------|
| Elective to meet 120 units | 1 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| EAR 450 Plate Tectonics and the Rock Cycle | 4 |
| EAR 460 Global Change | 3 |
| Major Elective Course | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | 3 |
| GE Area C3 or D3 | 3 |
| Hours | 16 |
| Spring | |
| EAR 370 The World Ocean | 3 |
| EAR 410 Environmental Geology | 3 |
| GEO 370 Numerical Methods in Geography | 3 |
| EAR 490 Sr Sem In Earth Sciences | 1 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 1-3 |
| Hours | 14-16 |
| Total Hours | 120-130 |

2-Year Roadmap (transfer students)

| | |
|--|--------------|
| First Year | |
| Fall | |
| GEO 415 Geographic Information Systems | 3 |
| CHE 110 General Chemistry I or PHY 120 or Elements Of Physics I or BIO 120 or Principles of Biology I | 3-5 |
| Major Elective Course | 3 |
| Major Elective Course | 3 |
| GWAR satisfying course | 3 |
| Hours | 15-17 |
| Spring | |
| EAR 376 Field Mapping | 3 |
| GEO 412 Rivers and Streams | 3 |
| CHE 112 General Chemistry II or PHY 122 or Elements Of Physics II or BIO 122 or Principles of Biology II | 3-5 |
| GE Area C3 or D3 | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15-17 |
| Second Year | |
| Fall | |
| EAR 450 Plate Tectonics and the Rock Cycle | 4 |
| EAR 460 Global Change | 3 |
| Major Elective Course | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | 3 |
| GE Area C3 or D3 | 3 |
| Hours | 16 |
| Spring | |
| EAR 370 The World Ocean | 3 |
| EAR 410 Environmental Geology | 3 |
| GEO 370 Numerical Methods in Geography | 3 |
| EAR 490 Sr Sem In Earth Sciences | 1 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 16 |
| Total Hours | 62-66 |

Earth Sciences, Minor

The Minor in Earth Sciences requires completion of 19 units. The lower division requirement includes courses which satisfy university General Education requirements.

The Minor in Earth Sciences requires completion of 19 units. The lower division requirement includes courses which satisfy university General Education requirements.

Requirements

| Code | Title | Hours |
|---|-----------------------------|-----------|
| Lower Division Required Courses | | |
| EAR 100 | Physical Geology | 3 |
| EAR 101 | Physical Geology Laboratory | 1 |
| GEO 200 | Physical Geography | 3 |
| Upper Division Required Courses | | |
| Select one of the following options: | | 12 |
| Option 1: | | |
| Complete any 12 units of upper division Earth Sciences (EAR) courses | | |
| Option 2: | | |
| Complete any six units of upper division Earth Sciences courses with six units selected from the following geography courses: | | |
| GEO 310 | Geomorphology | |
| GEO 315 | The Weather | |
| GEO 412 | Rivers and Streams | |
| GEO 416 | Earth's Climates | |
| Total Hours | | 19 |

Educational Leadership Justice

College of Education
Division of Graduate Education

Program Description

California State University, Dominguez Hills (CSUDH) offers a Doctor of Education in Educational Leadership degree designed to ensure critically conscious equity leaders are ready to lead in all executive settings by bridging the divide between educational practice and the rigorous acquisition and application theory. These leaders will apply the knowledge and skills to transform and improve the quality of P-16 education in the South-Central Los Angeles and South Bay region of Los Angeles County and beyond. The program, titled Educational Leadership for Justice in Education (EDLD), will prepare candidates to assume executive leadership position in P-16 educational settings and related agencies such as County Offices of Education, K-12 District Offices, Charter School Boards, and educational non-profits. It is designed to be a high quality, high touch, academically rigorous doctoral program that addresses the following mission.

The missions of the EDLD for Justice program is to equip educational leaders to champion justice and equity in all educational settings. We facilitate the development of the leaders' mindsets, moves, and skills needed to:

- examine their transformative potential and transformative actions

- interrogate, dismantle, and re-imagine historically oppressive systems
- create spaces that center on community wealth, cultural capital, and voice
- ground their practice on the CSUDH Liberatory Leadership Framework
- design creative solutions to existing, and new, challenges in the field of education

The program philosophy is focused on using a culture of care to address inequities that are pervasive in the the educational system and hinder the academic success of student who are culturally and linguistically diverse, have disabilities, or are economically disadvantaged. The EDLD for Justice program is seated in the College of Education (COE) in the Division of Graduate Education (GED) and aligns fully with the College's Mission and Vision statements. The understanding that COE students need to be "grounded in the principles of justice, equity and critical consciousness" is a thorough line for students in the College of Education (general education teachers, ed specialist, counselors, administrators) and will continue in this doctorate program in preparing executive leaders. More specifically, the EDLD for Justice program extends the work of the CSUDH School Leadership Program (SLP), where candidates establish their Liberatory Stance in the SLC Preliminary Administrative Services Credential Induction Program to culminate with Liberatory Leadership as the model used to transform entire educational systems as candidates from the EDLD for Justice program.

Critical features of the program include:

- Developing collaborations skills to address the problems of practice to create collaborative cultures that provide actions to solve the problems of practice.
- Relationship building, that establishes trust and a common language among students, faculty, and school partners.
- Research Support Seminars that will embed the development of a research proposal for the dissertation throughout the program. The inclusion of these seminars provides ongoing support of the students' research efforts and allows students to identify and involve research advisors as early as possible in the degree program.
- Course instructor will provide a stable advising relationship with the candidates in their group. Applied laboratories are collaborations amongst and between candidate, faculty, and practicing educational leaders.
- The candidate and doctoral faculty will conduct research, conduct policy analyses, and implement small or largescale interventions in selected school. Their work with the faculties at these sites will make contributions to practice and help advance the field of urban educational leadership. The systemic inquiry and practices undertaken are expected to affect schools, educational support services, and educational policy.

The EDLD for Justice program will provide a deep understanding of the relationship between schools and society; democracy, local control, and education; equal protection under the law; systemic inequalities in the educational workforce; and issues of equity and access. Using a Liberatory Leadership lens steeped in principles of justice, equity, and inclusion. They will have the ability to promote high academic performance for all students, facilitatie continuous learning and transformative practices within districts and across schools, and mobilize resources, human, political, and fiscal, to redress system inequalities. Graduates will engage and enlist members of

city governments, school boards, business, political, and parental communities in joint efforts to create policy and make strategic decisions designed to radically transform the life chances of all children. Graduates will also know how to forge and sustain cultures of change through strategic collaborations. As part of the CSU system, the CSUDH program meets the stated expectations of the system found in the Senate Bill.

The EDLD for Justice program is a 60-unit cohorted, applied research degree program that takes place over nine consecutive semesters (including summers) for experienced leaders in the field of education are employed in full-time positions. the program is a Face-to-Face/Hybris program with a combination of on-campus face-to-face didactic courses (80%) and hybrid synchronous courses (20%). It offers research-based knowledge, skills, behaviors, and dispositions required to understand, plan, develop, implement, and evaluate educational programs using the les of justice, equity, diversity, ethics, and leadership to address issues in urban educational settings. Program graduates will earn the degree designation of Doctor of Education (Ed.D.) in Education Leadership with an emphasis on educational leadership for justice in schools. One cohort of thirty experienced educational leaders will be accepted and enrolled each academic year. Expected time to completion of the degree, which includes the writing of the dissertation, is intended to be three calendar years, including summers. There are options for candidates who may need to take longer to complete the program.

The program will utilize an interdisciplinary teaching approach with a small faculty-student ratio (1:15 for content and research courses and 1:4 for dissertation courses). The signature pedagogies that reflect what counts as knowledge in the field of education and how things become known come from a variety of teaching methods and diverse pedagogies such as:

- collaborative problem solving
- case studies
- laboratory projects using extant statistical/research data
- ethnographic and participatory research studies, fieldwork projects, and applied projects (including presentations, flowcharts, and program recommendations)
- book reviewers; reviews of annotated bibliographies
- job shadowing
- online course sessions
- threaded discussions accompanying student assignments
- reflective essays
- policy analysis and studies
- reflective practice cases
- research and literature review papers (range 5-20 pages)
- individual and group research projects
- self-reflection essays
- simulations involving role playing, and scenario responses, and structured interview protocols for use with practitioners

Additionally, candidates will contribute to preparation of scholarly articles for publication and to the development of grant proposals. Pedagogies that promote engagement, learning, and development of professional leadership. The broad scope of pedagogical approaches is designed to develop knowledge and skills that equip graduates of the EDLD for Justice program for leadership in schools facing the most challenging issues in California.

Academic Advising

Advising

The objective of advising is two-fold. First, advisement is governed by the principle that enhancing the academic and professional development of students in the EDLD for Justice program is a central purpose of the program. Second, advisement promotes a well-planned and efficient doctoral Ed.D. course of study that can be completed within three years by working professional and facilitates advocacy on behalf of students and their needs. Advising is the responsibility of CORE EDLD for Justice faculty who will oversee the progress of all students, provide consistent and accurate advising, and ensure students remain on-track for program completion. Core Doctoral faculty who lead the Research Support seminars will advise students with regard to the Written Qualifying Examination, approval by the Institutional Review Board.

Students in the EDLD for Justice program will be assigned a faculty advisor at the beginning of their first year. This person will meet with each candidate to provide individualized guidance for the student during the first two years of the program to assist in the completion (coursework, qualifiers, and dissertation). Once dissertation work has commenced, the Dissertation Chair will replace the faculty advisor.

The Program Director and Research Coordinator will provide support for students with respect to major milestone activities, including making arrangements for the qualifying examinations, the proposal hearing and the dissertation oral defense. In addition to the faculty advisor and the Research Coordinator, program faculty will be available for consultation on a regular basis. All program faculty members are required to schedule office hours both in person and through Zoom to accommodate working professionals. Additionally, all program faculty members will provide out of class advising and academic support regarding coursework assignments. All courses are designed to include face-to-face meetings as well as having synchronous and asynchronous work interspersed throughout sessions. Also, students have access to each faculty member's email address and office phone number

Dissertation Chairs

Through dissertation supervisions, dissertation chairs have the opportunity to serve both as advisors and mentors, going beyond the academic directing of research by modeling and creating a professional relationship with doctoral students and assisting them in their professional endeavors.

Mentoring

To ensure that candidates for the doctorate have mentors who assist them in learning leadership roles in institutional contexts and inducting candidates into the professional networks necessary to P-12 academic leaders, the Doctoral Executive Council will establish a trained corps of mentors from among adjunct faculty and other practitioners holding executive level P-12 positions. Mentors will be oriented to the EDLD for Justice program requirements and curriculum, especially as it relates to field experience components. Each candidate will be assigned a mentor who will be responsible for providing the candidate with coaching, modeling, and informal assessment on best ways to integrate research, theory, and practice.

Preparation

Admission to the Educational Leadership for Justice program requires completion of a master's degree in a related field and submission of all specified admission requirements.

Admission Requirements

Applications to the program are accepted at one time each year. Students planning to seek admission to the program should submit a complete application packet including required supporting materials. All applications will be completed online.

In accordance with Title 5 of the California Code of Regulations, Section 41020, admission shall be granted on a competitive basis; meeting the minimum requirements qualifies an individual for but does not guarantee admission to the program.

1. Article 4.1 (CSU Guidelines for EdD Programs) requirements for admission shall apply to all EDLD for justice program applicants and shall include, at minimum, the following:
 - a. The applicant holds an acceptable baccalaureate and master's degree earned at a regionally accredited institution(s), or the applicant has completed equivalent academic preparation as determined by the appropriate campus authority.
 - b. The applicant has attained a cumulative grade point average of at least 3.0 in upper-division and graduate study combined.
 - c. The applicant was in good standing at the last institution of higher education attended,
 - d. The applicant has demonstrated sufficient preparation for, experience in, and potential for educational leadership, including successful experience in leadership in school, postsecondary, of community contexts, and/or policy leadership; academic excellence; problem-solving ability; technological proficiency; interest in critically assessing current educational policies and practices; and interest in improving current educational policies and practices. Evidence considered in the admission process shall include but not be limited to:
 - i. Three letters of recommendation attesting to the leadership and scholarship potential of the applicant.
 - ii. Submission of a written statement of purpose reflecting an understanding of the challenges facing organizations in the field of education in California.
 - iii. Attendance at a personal interview.
 - iv. Submission of one of the following statements:
 1. a statement from the applicant's employer, indicating support for the applicant's doctoral studies; or
 2. a statement from the applicant, describing the applicant's plan for meeting professional responsibilities and the demands of the program.

Program Requirements

Students in the program complete three areas of study through the 60 semester units. Area 1 is comprised of ten core leadership courses. Area 2 is comprised of nine courses focused on research. To advance to candidacy students will complete a qualifying examination. This qualifying examination will demonstrate the students' command of knowledge relevant to educational leadership as developed throughout the core courses. The final area of study, Area 3, comprises the four dissertation support courses taken over two semesters. Students specialize in Leadership for Justice in Education with a curricular emphasis in: (1) urban school leadership, teaching, and learning for diverse learners (e.g., culturally and linguistically diverse, economically

disadvantaged, and those needing specialized education services); (2) organization and systemic transformation; and (3) diversity, inclusion and ethical decision making,

Student in the program will be required to:

- Attend a 3-day Doctoral Onboarding Retreat
 - Attend one class weekly on campus and two additional classes biweekly on the weekend
 - Earn a grade of 'B' or higher in all courses
 - Attend an International Education Leadership Trip
 - The CSUDH Education for Justice program requires the successful completion of 31 units of Leadership didactic course work 17 units of Doctoral Research and 12 units of Doctoral Dissertation Writing for a total of 60 units.
 - Successful completions of four qualifiers:
 - Qualifier #1: Comprehensive Exam
 - Qualifier #2: Dissertation Proposal Defense
 - Qualifier #3: Oral Dissertation Defense
 - Qualifier #4: Written Dissertation Publication
 - Earn at least a "B" to pass each course. No course with a grade lower than a "B" will be applied to the degree program.
 - Maintain a GPA of 3.0 or higher to fulfill degree requirements.
 - Remain in good academic standing. A student who is in academic notice may not be granted a doctoral degree.
- Educational Leadership Justice, Doctorate (p. 539)

Faculty

Gary Rhodes, Department Chair
Kitty Fortner, Program Coordinator

Rene, Castro, Kitty Fortner, Gary Rhodes

Department Office & Phone Number: Location COE 1446; (310) 243 - 3524

Emeriti Faculty

Antonia Issa Lahera, Anthony Normore, Pamela Robinson

ELJ 700. Leadership for Justice (Self). (3 Units)

Introduces candidates to the program and the liberatory/justice leadership framework providing the foundation Exploration of leadership models, positionality, intersectionality, purpose and leadership identity for enacting leadership using a justice lens begins for each candidate.
Offered Summer

ELJ 705. Leadership for Justice (Organizations). (3 Units)

Focuses on candidates identifying key aspects of their organization that are critical to justice leadership. Data driven decision-making, utilization of all sources of data and information and the identification of actions to promote justice will be addressed.
Offered Summer

ELJ 710. Leadership for Systems Thinking. (3 Units)

Takes candidates deeper into the context of their own organization to analyze their systems and the framing that guides them. In addition, focuses on the implications identified as structural, social and psychological barriers.
Offered Fall

ELJ 715. Leadership for Praxis. (3 Units)

Focuses on the identification of justice focused relational obligations, accountability, governance and communication within organizations.
Offered Fall

ELJ 720. Leadership for Participatory Liberation. (3 Units)

Designed to build candidates' knowledge and capacity to address systemic racism in their organization. Focuses on aspects of racism and its manifestation in beliefs, values and inequitable stances present in their workplace
Offered Spring

ELJ 725. Leadership for Supportive and Inclusive Communities. (3 Units)

Asks candidates to focus on themselves, their organization, and the larger community that they serve. Utilizing the mindset and moves of liberatory leadership, candidates examine their values, principles, and ethics using supportive, inclusive and humanizing practices.
Offered Spring

ELJ 730. Assessments, Evaluation, and Design Thinking. (3 Units)

This course will introduce candidates to program evaluation and the cyclical of assessing processes and structure to investigate organizations' areas of strength and challenges for internal change and improvement.
Offered Summer

ELJ 735. Politically Intelligent Leadership. (3 Units)

The course will teach candidates how to interpret and utilize laws and policies to better understand political structures(organizations), Justice Leadership, and their responsibility as a justice leader (self).

ELJ 740. Leadership for Learning, Development, and Organizational Transformation. (3 Units)

This course focuses on the human potential within organizations for sustainable growth based on rational aspects and formulating a plan for individual and collective growth.

ELJ 745. Cosmopolitan Leadership. (4 Units)

Candidates revisit their positionality as researchers, leaders, and members of the global community ensuring that they foster a culture of authenticity and liberation in their organizations. Candidate will self-interrogate to clarify their leadership growth and experience in the program.

ELJ 760. Research Design. (3 Units)

Examination of research methodologies including ethical and foundational aspects of educational research as applied in justice-focused leadership practices. Topics include research skills, identifying educational problems, evaluating research, understanding qualitative and quantitative research literature, and IRB. The CITI is completed.
Offered Fall

ELJ 762. Advanced Quantitative Research methods. (3 Units)

Advanced hypothesis testing using quantitative methods, including research designs used to dismantle inequities. Statistical analyses using t-test, analysis of variance, factorial analysis of variance, multiple regression, and chi-square, with an emphasis on research questions addressing justice focused interpretations of results

ELJ 764. Advanced Qualitative Research Methods. (3 Units)

In- depth study of qualitative research methods, analysis and interpretation for understanding and application to advance the change in leadership to support equity and justice will be the focus for this course. Ethnographic interviews, participant and naturalistic observation, document analysis and other qualitative data analyses will be emphasized.

ELJ 766. Action Research design & Mixed Methods. (3 Units)

Exploration of the principle and methods used in participatory action research, including using mixed methods, review of current research, full participatory of research participants, validity, ethnical issues, data collection, and social action for social justice.

ELJ 771. Research Seminar I. (1 Units)

A seminar-format course designed to introduce students to the academic and reflective writing skills needed for dissertation proposals. Offered Spring

ELJ 772. Research Seminar II. (1 Units)

A seminar-format courses designed to develop students' academic and reflective writing skills for doctoral student preparing to write their dissertation proposals. Offered Summer

ELJ 773. Research Seminar III. (1 Units)

A seminar-format Course designed to advance doctoral students' academic and reflective writing, skills, following American Psychological Association (APA) guidelines.

ELJ 774. Research Seminar IV. (1 Units)

A seminar-format course designed to advance doctoral students' academic and reflective writing skills, including their writing, and their proposed data collection plan for their proposed data collection plan for their dissertation following American Psychological Association guidelines.

ELJ 775. Research Seminar. (1 Units)

A seminar-format course designed to enhance students' skills in critiquing theirs and others academic writing for their dissertation proposal, and explaining research for justice in leadership.

ELJ 780. Dissertation Seminar I. (0 Units)

In this course candidates develop a dissertation that identifies and educational issue or practice within a particular community; review professional literature from multiple disciplinary perspectives; design appropriate research to investigate the issue; and begin data collection.

ELJ 781. Dissertation Seminar II. (3 Units)

In this course candidates develop their dissertation with ongoing, supported advising on data analysis implications, and conclusions. This course will also support their oral and written dissertation defense.

ELJ 785. Dissertation Writing I. (3 Units)

This course is designed for dissertation chairs and their candidates to work together to engage in dissertation development and writing.

ELJ 786. Dissertation Writing II. (3 Units)

The course is designed for dissertation chairs and their candidates to work together to engage in dissertation development and writing.

ELJ 800. EdD Continuation Course. (1 Units)

EdD candidates who have completed their course work but not their dissertation. Signature of EdD Program Director required.

Educational Leadership Justice, Doctorate

Required Courses (60 units - 23 courses)

Semester 1 - Summer (6 units - 2 courses)

| Code | Title | Hours |
|---------|--|-------|
| ELJ 700 | Leadership for Justice (Self) | 3 |
| ELJ 705 | Leadership for Justice (Organizations) | 3 |

Semester 2 - Fall (9 units - 3 courses)

| Code | Title | Hours |
|---------|---------------------------------|-------|
| ELJ 710 | Leadership for Systems Thinking | 3 |
| ELJ 715 | Leadership for Praxis | 3 |
| ELJ 760 | Research Design | 3 |

Semester 3 - Spring (7 units - 3 courses)

| Code | Title | Hours |
|---------|---|-------|
| ELJ 720 | Leadership for Participatory Liberation | 3 |
| ELJ 725 | Leadership for Supportive and Inclusive Communities | 3 |
| ELJ 771 | Research Seminar I | 1 |

Semester 4 - Summer (7 units - 3 courses)

| Code | Title | Hours |
|---------|--|-------|
| ELJ 730 | Assessments, Evaluation, and Design Thinking | 3 |
| ELJ 762 | Advanced Quantitative Research methods | 3 |
| ELJ 772 | Research Seminar II | 1 |

Semester 5 - Fall (7 units - 3 courses)

| Code | Title | Hours |
|---------|---------------------------------------|-------|
| ELJ 735 | Politically Intelligent Leadership | 3 |
| ELJ 764 | Advanced Qualitative Research Methods | 3 |
| ELJ 773 | Research Seminar III | 1 |

Semester 6 - Spring (5 units - 2 courses)

| Code | Title | Hours |
|---------|---|-------|
| ELJ 740 | Leadership for Learning, Development, and Organizational Transformation | 3 |
| ELJ 766 | Action Research design & Mixed Methods | 3 |
| ELJ 774 | Research Seminar IV | 1 |

Semester 7 - Summer (5 units - 2 courses)

| Code | Title | Hours |
|---------|-------------------------|-------|
| ELJ 745 | Cosmopolitan Leadership | 4 |
| ELJ 775 | Research Seminar | 1 |

Dissertation Courses - (12 units - 4 courses)

Semester 8 - Fall (6 units - 2 courses)

| Code | Title | Hours |
|---------|-------------------------|-------|
| ELJ 780 | Dissertation Seminar I | 0 |
| ELJ 786 | Dissertation Writing II | 3 |

Semester 9 - Spring (2 units - 2 courses)

| Code | Title | Hours |
|---------|-------------------------|-------|
| ELJ 781 | Dissertation Seminar II | 3 |
| ELJ 786 | Dissertation Writing II | 3 |

As Needed (Summer, Spring, Fall)

| Code | Title | Hours |
|---------|-------------------------|-------|
| ELJ 800 | EdD Continuation Course | 1 |

- 1. Visionary, Supportive, & Inclusive Leadership.** Graduates will apply relevant methods to research, develop, nurture, and articulate an anti-racist vision for inclusive organizations.
- 2. Reflective and Activist Practice.** Graduates integrate reflective praxis using lenses of equity, care, and humanizing pedagogy focused on

ethical behavior to intentionally center multiculturalism and anti-racist practices in their leadership practices.

3. **Equity and Cultural Proficiency.** Graduates apply culturally proficient practices and advocate for equity and justice to dismantle systems of cultural and racial domination and oppression for families and communities.
4. **Systems Thinker.** Graduates incorporate their understanding of the dynamics and complexities of large organizations when working with educational communities to design global systems that include diverse perspectives, achieve a shared vision, and support continuous improvement of the organization.
5. **Leadership Capacity, Organizational Management.** Graduates utilize multiple genres of communication and a values-based, research-guided, adaptive, and generative mindsets to establish collaborative relationships with the purpose of eliminating systems of oppression and racism in education.
6. **Developing Human Capacity for Organizational Growth.** Graduates develop communities that collaboratively engage in continuous and deliberate learning by creating and maintaining liberated, anti-racist educational spaces, where critically conscious, justice oriented, and innovative educators work together to honor all voices, and reduce disparities in learning outcomes.
7. **Politics & Policies.** Graduates evaluate the dynamic nature of their systems, policies and politics for inequalities and inclusion. With the knowledge of political styles, they establish and maintain strategic relationships to influence policy and policy makers to allocate resources focused on reducing and dismantling structures, policies, and practices that contribute to institutionalized racism and support the goals of inclusion, equity, and achievement for all.
8. **Practitioner Researcher.** Graduates engage in oral and written inquiry, critical reflection, and the construction/reconstruction of knowledge to promote justice in education and to inform praxis and organizational goals.

Year One

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Summer | | |
| ELJ 700 | Leadership for Justice (Self) | 3 |
| ELJ 705 | Leadership for Justice (Organizations) | 3 |
| Hours | | 6 |
| Total Hours | | 6 |
| First Year | | |
| Fall | | |
| ELJ 710 | Leadership for Systems Thinking | 3 |
| ELJ 715 | Leadership for Praxis | 3 |
| ELJ 760 | Research Design | 3 |
| Hours | | 9 |
| Spring | | |
| ELJ 720 | Leadership for Participatory Liberation | 3 |
| ELJ 725 | Leadership for Supportive and Inclusive Communities | 3 |
| ELJ 771 | Research Seminar I | 1 |
| Hours | | 7 |
| Total Hours | | 16 |

Year Two

| Course | Title | Hours |
|---|---|-----------|
| Second Year | | |
| Summer | | |
| ELJ 730 | Assessments, Evaluation, and Design Thinking | 3 |
| ELJ 762 | Advanced Quantitative Research methods | 3 |
| ELJ 772 | Research Seminar II | 1 |
| Hours | | 7 |
| Total Hours | | 7 |
| Second Year | | |
| Fall | | |
| ELJ 735 | Politically Intelligent Leadership | 3 |
| ELJ 764 | Advanced Qualitative Research Methods | 3 |
| ELJ 773 | Research Seminar III | 1 |
| Hours | | 7 |
| Spring | | |
| ELJ 740 | Leadership for Learning, Development, and Organizational Transformation | 3 |
| ELJ 766 | Action Research design & Mixed Methods | 3 |
| ELJ 774 | Research Seminar IV | 1 |
| Qualifier #1 - Qualifying Exam: Leadership Brief ¹ | | |
| Hours | | 7 |
| Total Hours | | 14 |

Year 3

| Course | Title | Hours |
|---|-------------------------|-----------|
| Third Year | | |
| Summer | | |
| ELJ 745 | Cosmopolitan Leadership | 4 |
| ELJ 775 | Research Seminar | 1 |
| Qualifier #2 - Dissertation Proposal Defense | | |
| Hours | | 5 |
| Total Hours | | 5 |
| Third Year | | |
| Fall | | |
| ELJ 780 | Dissertation Seminar I | 3 |
| ELJ 785 | Dissertation Writing I | 3 |
| Hours | | 6 |
| Spring | | |
| ELJ 781 | Dissertation Seminar II | 3 |
| ELJ 786 | Dissertation Writing II | 3 |
| Qualifier #3 - Dissertations Oral Defense ³ | | |
| Qualifier #4 - Final Edited Written Dissertation Submitted for Publication ⁴ | | |
| Hours | | 6 |
| Total Hours | | 12 |

¹ Qualifier #1 due by May 1 in second year of the program

² Qualifier #2 due by August 1 in the third year of the program.

³ Qualifier #3 due by April 25 in the third year of the program.

⁴ Qualifier #4 due by June 30 of the third year of the program.

English

College of Arts and Humanities
Department of English

Program Description and Features

Bachelor of Arts

As a major, English offers a varied and soundly-based program that unifies the study of composition, language, and literature. Within the English major, students may concentrate their programs of study in literature or English education. Minors can focus on Creative Writing or English Literature. Also within the English Department, the [Linguistics major](#) and [minor](#) focuses on the structures, sounds, and formations of languages.

The English major prepares the student for many different career paths, including teaching, law, social work, writing or editing, arts and entertainment, business, politics and public service, media, journalism, and many more. It also prepares students for advanced study in graduate and professional schools. Students develop skills in critical thinking, writing, and research, which are valuable in many professions. It is truly a versatile major.

The English: Literature option provides a strong foundation for the critical study of literature, its histories, and its structures. Students pursuing a degree in Literature will engage deeply with a variety of literary theories and critical methodologies as they create and construct their own analyses of literary and cultural texts. The program encourages students to investigate and interrogate the construction of the literary canon, as well as to expand its boundaries through the inclusion of diverse texts and perspectives. The capstone seminar, English 490 Seminar in Literature, enables students to demonstrate their development as readers, writers, thinkers, and as professional scholars.

Students may prepare for a career in teaching English at the secondary level (junior high or high school) by completing the English major. An approved "Subject Matter Preparation Program" such as our B.A. in English (English Education Option) offers further training useful to future educators. The English: Education option provides students with a solid foundation in the study of literature and language along with training in pedagogy and a secondary field. Completion of the English major is the first step in meeting the state requirements for a teaching credential. Interested students should consult the departmentally designated advisor for current information.

Master of Arts

The program leading to the Master of Arts Degree in English is a 30-semester-unit curriculum. Opportunities for emphasis in British and American Literature, Rhetoric and Composition, and Teaching English as a Second Language exist in a flexible curriculum.

The Master of Arts in English prepares students for doctoral degrees or for community college teaching positions. It is also a strong finishing school for students who wish to continue to develop their writing, reading, and research skills beyond the undergraduate level. The concentration in Rhetoric and Composition specifically prepares students to teach composition at the community college level; it also improves the instructional skills of in-service teachers of English in the secondary schools. Graduate students also may elect to do all of their work in the study of literature. Many students have discovered that work at both the undergraduate and graduate levels has provided them with the skills that enable them to succeed in business, industry, and other professions.

Students may choose to complete a concentration in the Teaching of English as a Second Language (TESL). The M.A. English: TESL program prepares students to teach adult ESL/EFL. Graduates go on to teach community college or adult school classes, or they teach abroad. This

program also provides a solid foundation for those who plan to pursue a doctorate in either Linguistics or Applied Linguistics.

Academic Advisement

All of the full-time faculty serve as academic advisors. Students may either choose their own advisors, or they may be assigned to advisors. Students who would like to be assigned to an advisor should come to the department office for assistance.

Students are urged to see an advisor upon admission, upon completion of 60 semester units, and during the first semester of their senior year. Academic advisors may refer their students to other student services when appropriate.

Preparation

Four years of high school college-preparatory English courses must have been completed in partial fulfillment of the admission requirements of The California State University.

Graduation with Honors

Undergraduate students who have met the following criteria will be awarded departmental honors at graduation:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. An overall grade point average of 3.6 for upper-division courses taken for the major in English at CSUDH.

Undergraduate Programs

Bachelor

- English, Bachelor of Arts (p. 547)

Minors

- Creative Writing, Minor (p. 547)
- English, Minor (p. 553)
- Linguistics, Minor (p. 553)

Certificates

- Professional and Creative Writing, Certificate (p. 553)
- Rhetoric and Composition, Certificate (p. 554)
- Teaching of English to Speakers of Other Languages (TESOL), Certificate (p. 554)

Graduate Programs

Master

- English, Master of Arts (p. 551)

Subject Matter Preparation

- English, Subject Matter Preparation (p. 553)

Faculty

Andrew Kalaidjian, Department Chair

Iara Mantenuto, Associate Chair

Debra Best, Cramer R. Cauthen, Timothy Chin, Thomas J. Giannotti, Jon Hauss, Roderick Hernandez, Kimberly Huth, Jane Lee, Siskanna

Naynaha, Helen Oesterheld, Sherwin Sales, David Sherman, Malik Stevenson

Department Of#ce: LCH E-315, (310) 243-3322

Emeriti Faculty

Larry Ferrario, Lois Feuer, Lila B. Geller, Joyce Johnson, Violet L. Jordain, Irene McKenna, Burckhard Mohr, David B. Rankin, Abe C. Ravitz, Ephriam Sando, Michael R. Shafer, Lyle E. Smith, Marilyn P. Sutton, Walter Wells, Vanessa Wenzell, Andrea White, Selase Williams, Agnes A. Yamada, Joanne Zitelli, Ed Zoerner

Courses

ENG 107. Reading & Writing LA. (3 Units)

Through reading and writing about place and identity, students are introduced to threshold concepts in writing studies to increase their metacognitive skills, deepen their sense of belonging, and strengthen their growing academic identities.

Offered Summer

ENG 108. Freshman Composition I: Stretch 1. (3 Units)

College-level reading and writing taken over two terms (ENG 108/109) that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research and practice of conventions. CR/NC grading.

Offered Fall

ENG 109. Freshman Composition I: Stretch 2. (3 Units)

College-level reading and writing taken over two terms (ENG 108/109) that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research and practice of conventions. Graded A-C-/NC.

Offered Spring

ENG 110. Freshman Composition Accelerated. (3 Units)

College-level reading and writing that develops rhetorical knowledge and critical thinking and engages students in writing processes. Graded A-C-/NC.

Offered Fall, Spring

ENG 111. Freshman Composition II. (3 Units)

Prerequisite: ENG 110 or equivalent. Reinforcement of basic writing skills with emphasis on persuasion and argumentation, including a documented essay. Aids in writing convincing arguments and assembling, organizing, and documenting evidence supporting a thesis. Graded A-C-/NC.

Offered Fall, Spring, All terms

ENG 112. Freshman Composition Supported. (3 Units)

College-level reading and writing that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research, and observation of conventions. A-C-/NC grading.

Offered Infrequent

ENG 150. Languages of the World. (3 Units)

Introduction to linguistics as a social science. Includes an overview of the world's languages and language families, with an investigation of how social issues and language impact each other. Not open for credit toward the English major.

Offered Fall, Spring

ENG 194. Independent Study in English. (1-3 Units)

Offered As needed

ENG 195. Special Topics in Composition. (1-4 Units)

Offered Infrequent

ENG 202. English Literature to 1642. (3 Units)

Survey of British poetry, drama, and prose to 1642. Offered Fall, Spring

Offered All terms

ENG 203. English Literature: 1642-1832. (3 Units)

Survey of British poetry, drama, and prose, 1642-1832. Offered Fall, Spring.

Offered Fall, Spring, Summer

ENG 204. English Literature: 1832- Present. (3 Units)

Survey of British poetry, drama, and prose, 1832- present. Offered Fall, Spring

ENG 205. Literary Genres and Devices. (3 Units)

Prerequisite: Completion of GE Area A2: Written Communication.

Introduces a series of literary genres including stories, poems, plays, essays, and the novel, with characteristic devices including point of view, symbol, plot and imagery.

Offered Fall

ENG 210. Study of Language. (3 Units)

Prerequisite: Completion of G.E. Area A2. Forms of prose fiction from different periods and national literatures. Written exercises required.

Offered Fall, All terms

ENG 230. Literature and Popular Culture. (3 Units)

Ways of reading literature and popular culture to enhance understanding, appreciation, and enjoyment. Requires frequent writing assignments.

Offered Fall, Spring

ENG 240. American Literature to 1865. (3 Units)

Offered All terms

ENG 241. American Literature after 1865. (3 Units)

Intensive study of selected American works after 1865, with reading across periods, genres, and traditions, including texts by underrepresented and marginalized groups. Offered Fall, Spring.

Offered All terms

ENG 271. Introduction to Creative Writing. (3 Units)

Experiences in creative writing through encounters with selected literary works.

Offered Fall, Spring, Summer

ENG 302. English Literature to 1642. (3 Units)

Prerequisite: Completion of G.E. Area A2 Written Communication . Survey of British poetry, drama, and prose to 1642.

Offered Fall, Spring

ENG 303. English Literature: 1642-1832. (3 Units)

Prerequisite: Completion of G.E. Area A2: Written Communication. Survey of British poetry, drama, and prose, 1642-1832.

Offered Fall, Spring

ENG 304. English Literature: 1832-Present. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Survey of British poetry, drama, and prose, 1832-present.

Offered Fall, Spring

ENG 305. Critical Reading of Literature. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Analysis of literature to develop critical reading skills. Intended for students in Liberal Studies and Linguistics; may not be counted toward major/minor in English with Literature option. Written exercises required.

Offered Fall, Spring, Summer

ENG 306. Backgrounds of Literature. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Survey of traditional sources of world literature, including Greek and Roman mythology, Old and New Testaments, and early traditions of Asia, Africa, and the Americas
Offered Spring

ENG 307. Practice in Literary Criticism. (3 Units)

Prerequisite: Completion of G.E. Area A2: Written Communication.
Practice in literary criticism from contemporary theoretical perspectives. For Literature majors and minors in English. Written exercises regularly required.
Offered Fall, Spring

ENG 308. Critical Approaches to Children's Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. Critical analysis of children's literature from its inception to the present including the concept of the child as a historical, social, cultural, and political construct. Examines genre and form in literary and visual works from various perspectives. 3 hours lecture.
Offered Fall, Spring, Summer

ENG 311. Phonology. (3 Units)

Prerequisite: Completion of G.E. Area A2. The phonetics of a variety of languages and the phonetic phenomena that occur in natural languages. Practice in the perception and transcription of such phenomena. Introduction to the traditional and current views of phonological theory.
Offered Fall, All terms

ENG 312. Morphology. (3 Units)

Prerequisite: Completion of G.E. Area A2. Descriptive and historical (etymological) analysis of the structure of words in English and other languages: common roots, base forms, and affixes; rules of word formation; semantic change.
Offered Spring

ENG 314. English Syntax: Traditional. (3 Units)

Prerequisite: Completion of G.E. Area A2. The structure and meaning of sentences, approached through traditional models of grammar; the role of syntax in writing and composition.
Offered Fall, Spring, All terms

ENG 315. Theoretical Syntax. (3 Units)

Prerequisite: Completion of G.E. Area A.1. The structure and meaning of sentences approached through any current theoretical model of syntax.
Offered Fall

ENG 317. Black English Language and Culture. (3 Units)

This course examines the linguistic features and the cultural, social, historic, and communicative aspects of Black English in the US and across the African and African American diaspora. Students will learn how to create community-based research to explore the past, present and future of Black English in a globalized society and in educational discourse. Students will then learn the writing conventions of sociolinguistics research and critically reflect on our own intersectional experiences and interactions with Black English, in order to position ourselves as sociolinguists within the broader scholarly and academic community. A grade of C or better in this course fulfills the GEAR requirement for Linguistics majors.
Offered Spring, All terms

ENG 320. Literacy, Power, and Identity. (3 Units)

Exploration of literacy as a sociocultural practice. Connections between literacies, individuals and social identities, social and political power structures, and their pedagogical implications

ENG 325. Poetry. (3 Units)

Prerequisite: Completion of G.E. Area A2. Analysis of various forms of poetry, with an emphasis on American and British writers from various eras. Students will learn and apply conventions of oral poetry. Written exercises required.
Offered Fall, Spring

ENG 326. Prose Fiction. (3 Units)

Offered Fall

ENG 327. Drama. (3 Units)

Prerequisite: Completion of G.E. Area A2. Forms of drama by major playwrights from different periods and national literatures. Written exercises required.
Offered Spring

ENG 335. Readings in World Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. Intensive study of selected major writers from the world's literature, read in translation.
Offered Fall, Spring

ENG 340. American Literature to 1865. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of selected American works.
Offered Fall, Spring

ENG 341. American Literature: 1865-Present. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of selected American works.
Offered Fall, Spring

ENG 342. African American Literature. (3 Units)

Study of works by African American authors. Historical development of the tradition from its beginnings to the present. Genres include poetry, drama, fiction, and autobiography. Key themes include connections to folk and oral traditions and the role of literature in social protest.
Offered Fall, Spring

ENG 343. African-American Poetry and Drama. (3 Units)

Prerequisite: ENG 111. Historical development of African-American poetry from its roots. Study of major African-American plays. Focus on poetry and drama as media informing particular aspects and textures of the Black American experience.
Offered Infrequent

ENG 344. African-American Prose. (3 Units)

Prerequisite: ENG 111. Selected African-American works of fiction and non-fiction. Analysis of themes, techniques and symbols. Special attention given to folkloric elements; i.e., blues, dozens, folktales, etc., as they are employed in the literature.
Offered Infrequent

ENG 345. Latino/a Literature. (3 Units)

Prerequisite: ENG 111. Study of works by U.S. Latino/a authors. Attention to historical and cultural contexts. Comparative analyses of themes such as identity and community with respect to race, class, gender, sexuality, migration and citizenship.
Offered Fall, Spring

ENG 346. Native American Literature. (3 Units)

Study of works by indigenous writers of North America in their historical, cultural, and tribal contexts. Readings across periods and multiple genres (fictions, poetry, memoir, oral traditions). Key topics include race, gender, sexuality, class nationality and sovereignty. Prerequisite: Completion of G.E. Area A.1. Composition

ENG 347. Literature of Ethnicity and Gender. (3 Units)

Prerequisite: Completion of first year composition. Readings in such areas as Latino American, Asian American, and women's literature. Topic will vary. May be repeated up to six units for the major or minor in English. Offered Fall, Spring

ENG 350. Advanced Composition. (3 Units)

Prerequisite: Completion of GE Area A2 Written Communication. Continued study of writing processes and rhetorical communication, with emphasis on literacy within and across disciplinary contexts and how to negotiate the attitudes and conventions of various discourse communities. May not be counted toward major/minor in English. Satisfies Graduation Writing Assessment Requirement (GWAR). Graded A-C/NC. Offered Fall, Spring, Summer

ENG 351. Composition for Elementary School Teachers. (3 Units)

Prerequisite: Satisfaction of the GWAR. Advanced writing course. Focus on children's writing development, writing process and techniques for teaching composition, and further development of writing abilities of prospective elementary school teachers. Offered Infrequent

ENG 352. Writing and Speaking Skills for Management. (3 Units)

Prerequisites: Satisfaction of the GWAR. Principles and skills of effective communication within organizational management. This course concentrates on eliciting desired responses through various types of business communication in writing. May be counted only once toward major/minor and twice for elective credit. Graded A-C/NC. Repeatable course. Offered Infrequent

ENG 360. Heroes and Antiheroes. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Students will investigate the cultural assumptions and implications lying behind the archetypes of heroism and anti-heroism. Texts will be drawn from mythology, literature, stage drama, and film, with side glances at philosophy and psychology. Offered As needed

ENG 362. Environment in Literature & Culture. (3 Units)

Prerequisite: Completion of G.E. Area A2 Composition. Analysis of the influence of environment on literature with attention to rural vs. urban spaces, nature vs. culture, climate change and environmental justice. Offered As needed

ENG 364. Literary Utopia. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Critical study of traditions of utopian and dystopian literature, with emphasis on genre definitions and intersections with science fiction, fantasy, history, philosophy, and politics. Offered As needed

ENG 398. Directed Research. (1-3 Units)

Prerequisites: Senior standing and consent of instructor. Investigations in the historical and/or theoretical foundations of modern linguistics. Repeatable course. Three hours of seminar per week. Offered Infrequent

ENG 413. History of the English Language. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. The evolution of English from its Indo-European origins, through Old and Middle English, to the rise and spread of Modern English. Offered Fall, All terms

ENG 414. American English. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. American English from colonial times to the present. Contacts with native, colonial, and immigrant languages and regional, social, and ethnic dialects. Offered Spring

ENG 419. Psycholinguistics. (3 Units)

Prerequisite: Completion of G.E. Area A2. ENG 210 or ENG 314 or one course in psychology. Current theory and research in the psychology of language and its historical background, including experiments on speech production and comprehension, acquisition of language by children, and disorders of speech and language. Offered Infrequent

ENG 420. Linguistic Analysis. (3 Units)

Prerequisite: Completion of G.E. Area A2. ENG 311 or ENG 314. Descriptive and formal analysis of phonological, syntactic, and/or historical data from a variety of human languages. Repeatable for credit. Offered Fall

ENG 433. Thematic Approaches to Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. An exploration of literature organized around such themes as Women Writers or Death and Dying, using works from a variety of cultures and historical periods. Repeatable course. Offered Infrequent

ENG 451. Advanced Creative Writing. (3 Units)

Prerequisites: ENG 111 and consent of instructor. Practice in various forms of imaginative writing. Repeatable course. Offered Spring

ENG 457. Advanced Composition for Teachers. (3 Units)

Prerequisite: Satisfaction of the GWAR. Advanced writing course for prospective secondary school teachers, designed to develop understanding of writing process and techniques for teaching composition. Course also stresses development of students' own strengths as writers. Offered Fall

ENG 465. Chaucer. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Chaucer's major poetry, its historical and literary background. Offered Fall

ENG 467. Shakespeare. (3 Units)

Prerequisite: ENG 307 is required. Literary analysis of selected comedies, histories, and tragedies. Students will learn and apply performative aspects of Shakespeare's plays. Offered Fall, Spring, All terms

ENG 472. Creative Nonfiction Workshop. (3 Units)

Practice in various forms of contemporary creative nonfiction, such as memoir, essay, literary journalism. Analysis of a wide range of models, exercises in invention techniques, discussion of writing processes, and workshopping of students' drafts and revisions. Repeatable for credit. Offered Fall

ENG 473. Writing Center Theory and Practices. (3 Units)

The history and theoretical foundations of writing centers and writing tutoring. Frequent writing assignments as well as best practices in the teaching of writing. Offered Spring, Summer

ENG 476. Individual Authors and Topics Pre-1700. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of a major author, group of authors, or focused topic from the pre-1700 period.

Offered Fall

ENG 477. Individual Authors and Topics Post-1700. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Intensive study of a major author, group of authors, or focused topic from the post-1700 period.

Offered Spring

ENG 478. Current Issues in Rhetoric and Composition. (3 Units)

Intensive study of selected topics in rhetoric and composition such as invention and teaching of writing, issues in literacy instruction, rhetoric and contemporary culture, composition and cognitive development, the composing process in a rhetoric framework, linguistic approaches to rhetoric. Three hours of seminar per week. Offered Fall.

ENG 485. Literary, Media and Culture Studies. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Practice in devising strategies appropriate to the needs of students in grades 7-12. Emphasis on techniques of developing textual, media, and cultural literacies, of analyzing genres, of making literature, media, and popular culture accessible, and of generating essay topics from these sources.

Offered Spring

ENG 486. ESL Teaching Methods. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Investigation of approaches, methods, and techniques used in second language instruction.

Offered Spring

ENG 487. Introduction to Second-Language Learning and Teaching. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Focus on linguistic, social, and cultural factors in schooling language-diverse students. Areas of concentration include first and second-language acquisition, history of second-language teaching, current second-language theoretical frameworks, and dual language teaching strategies.

Offered Fall, Spring

ENG 490. Seminar in Literature. (3 Units)

Prerequisite: Consent of instructor. Intensive study of one or more authors, a single historical period, a literary movement or genre, or an aspect of literary criticism. This course examines disciplinary discourse through formal and informal written assignments that stress the importance of literary analysis, research, and revision. Repeatable course. A grade of C or better in this course fulfills the GEAR requirement for all English Literature and English Education majors and minors.

Offered Fall, Spring

ENG 492. Seminar in Linguistics. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Study of American writers, texts and topics primarily before 1900. Repeatable course. Three hours of seminar per week.

Offered Spring, All terms

ENG 494. Independent Study. (1-4 Units)

Prerequisites: Consent of instructor and department chair. Intense reading or an original research project or creative writing under faculty supervision. Arrangements must be made a semester in advance of registration. Repeatable course.

Offered As needed, All terms

ENG 495. Special Topics in English. (3 Units)

Variable authors and texts, literary periods, or analytical approaches and methodologies. Uses upper-division research techniques to produce sustained critical arguments.

Offered As needed

ENG 496. Internship. (1-3 Units)

Prerequisite: Consent of Instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities. Repeatable course. Credit/no credit grading.

Offered As needed

ENG 497. Directed Reading. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under faculty supervision. Repeatable course.

Offered Infrequent

ENG 498. Directed Research. (1-3 Units)

Offered Infrequent

ENG 501. Advanced English Studies. (3 Units)

Prerequisites: Graduate Standing or Consent of instructor. Introduces students to the interdisciplinary fields of English studies, including literature, rhetoric and composition, and linguistics. This course fulfills the Oral Requirement of the MA in English: Literature Option and MA in English: Literature Option with Rhetoric and Composition.

Offered Fall

ENG 513. History of English Language. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. The evolution of English from its Indo-European origins, through Old and Middle English, to the rise and spread of Modern English.

Offered Fall odd

ENG 514. American English. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. American English from colonial times to the present. Contacts with native, colonial and immigrant languages and regional, social and ethnic dialects.

Offered Fall even

ENG 530. Seminar: Studies in Medieval Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. A study of major works in English literature before 1500. Some focus on major continental analogues and critical methodology. Majority of the texts read in translation. Repeatable course. Three hours of seminar per week.

Offered Spring

ENG 535. Seminar: Studies in Renaissance Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major works in English literature from 1500-1660. Emphasis on such representative writers as More, Spenser, Shakespeare, Marlowe, Jonson, Donne, Bacon and Milton. May include continental contemporaries such as Montaigne and Machiavelli. Repeatable course. Three hours of seminar per week.

Offered Fall

ENG 540. Seminar: Studies in Restoration and Eighteenth-Century Literature (1660-1798). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Consent of instructor and department chair. Literature of the Restoration, Neoclassic, and Sensibility eras. May include readings that provide historical, philosophical, or cultural content. Repeatable course. Three hours of seminar per week.

Offered Spring even, All terms

ENG 543. Seminar: Studies in Romantic Literature (1798-1832). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Consent of instructor and department chair. Selected studies in the Romantic movement in English literature, including such precursors as Burns and Blake. Repeatable course. Three hours of seminar per week
Offered Fall odd

ENG 545. Literary Criticism. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major works in literary criticism selected from Plato to the present.
Offered Spring, All terms

ENG 546. Seminar: Studies in Victorian Literature (1832-1901). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. A study of major writers from the Great Reform Bill to the fin de siecle with an emphasis on literary responses to emerging scientific thought, social consciousness, and religious issues. Repeatable course. Three hours of seminar per week.
Offered Fall even

ENG 549. Seminar: Modern British Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Selected literary study of the modern period in England, Ireland, and the Commonwealth, as typified by such novelists and poets as Conrad, Yeats, Lawrence, Joyce, Woolf, Forster, Eliot, Auden, Thomas, Greene, and Lessing. Repeatable course. Three hours of seminar per week.
Offered Spring

ENG 552. Sem: Studies In American Literature to 1900. (3 Units)

Prerequisites: Consent of instructor and department chair. Comparative study of genres, literary movements, or authors over more than one period. Repeatable course. Three hours of seminar per week.
Offered Spring odd

ENG 555. Seminar: Studies in American Literature After 1900. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Study of American writers, texts, and topics primarily after 1900. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 570. Seminar in Writing. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Intensive training in writing. Advanced study of techniques of prose discourse. Frequent writing assignments. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 571. Discourse Analysis. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Analysis and description of structures and functions of language beyond the sentence level. May include textual and conversational analysis; classical rhetorical canons; speech acts; scripts/information structures; cohesion, coherence, deixis; spoken and written discourse. Three hours of seminar per week.
Offered Spring

ENG 572. Creative Nonfiction Workshop. (3 Units)

Practice in various forms of contemporary creative nonfiction, such as memoir, essay, literary journalism. Analysis of a wide range of models, exercises in invention techniques, discussion of writing processes, and workshopping of students' drafts and revisions. Repeatable for credit.
Offered Fall

ENG 573. Writing Center Theory and Practices. (3 Units)

Prerequisite graduate standing or Consent of Instructor. The history and theoretical foundations of writing centers and writing tutoring. Frequent writing assignments as well as best practices in teaching of writing.

ENG 574. Research Methods and Discourses in Composition and Rhetoric. (3 Units)

Advanced study in research methodologies, scholarly discourses, and means of knowledge production in composition/rhetoric and writing studies. Frequent writing and hands-on practice in text-based and empirical approaches to inquiry. Three hours of seminar per week.

ENG 575. Teaching Of Composition. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Theory and practice in teaching composition. Three hours of seminar per week.
Offered Fall

ENG 576. History and Theories of Rhetoric. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major theories of rhetoric from ancient Greece to the present. Role of rhetoric in the history of ideas. Emphasis on multiple notions of rhetoric and attitudes toward it. Three hours of seminar per week.
Offered Spring

ENG 577. Current Issues in Rhetoric and Composition. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Intensive study of selected topics in rhetoric and composition such as invention and the teaching of writing, issues in literacy instruction, rhetoric and contemporary culture, composition and cognitive development, the composing process in a rhetorical framework, linguistic approaches to rhetoric. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 581. Semantics, Pragmatics and Discourse. (3 Units)

Overview of semantics and the major approaches to pragmatics and discourse analysis. Three hours of seminar per week.
Offered Spring

ENG 582. Seminar: Linguistic Analysis. (3 Units)

Seminar in the descriptive and formal analysis of phonological, syntactic, and/or historical data from a variety of human languages. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 583. Seminar: Psycholinguistics. (3 Units)

Seminar in current theory and research in the psychology of language and its historical background, speech production and comprehension, acquisition of language, disorders of speech and language. Three hours of seminar per week.
Offered Infrequent

ENG 584. Seminar: Sociolinguistics. (3 Units)

Examinations of varieties of English and social aspects of language use. Topics include dialectology, pidgin and creoles, bilingualism, code-switching, and intercultural communication. Three hours of seminar per week.
Offered Fall, Spring

ENG 585. Second Language Acquisition. (3 Units)

Prerequisites: Consent of instructor and department chair. Theories of second-language acquisition second-language learning, bilingualism, and sociocultural variables of language uses, with particular emphasis on the young adult and adult learner. Three hours of seminar per week.
Offered Fall

ENG 586. ESL Teaching Methods. (3 Units)

Prerequisites: Graduate standing. Investigation of approaches, methods, and techniques used in second language instruction.

Offered Spring

ENG 587. Seminar: Current Issues in TESL/Applied Linguistics. (3 Units)

Intensive study of selected topics in TESL/Applied Linguistics such as ESL Writing/Composition, Reading and Vocabulary Acquisition, Pedagogy of Spoken English, Curriculum and Program Design, Testing/Evaluation. Repeatable course. Three hours of seminar per week.

Offered Fall

ENG 588. Sem:Pedag Gram For TESOL. (3 Units)

Examination of areas of English grammar typically taught to non-native speakers. To familiarize prospective ESL teachers with classroom terminology, techniques and materials. Develop ability to analyze and explain grammatical phenomena in terms accessible to ESL students.

Offered Spring

ENG 590. Seminar In Literature. (3 Units)

Prerequisite: Consent of chair. Study of a writer, period, genre, theme, or problem in literature. Repeatable course. Three hours of seminar per week.

Offered Infrequent

ENG 591. Integrative Seminar in Literature. (3 Units)

Prerequisite: FRE 220 or equivalent. A reading, composition, and discussion course concerned with elements of style and syntax, with emphasis on creative writing by students.

Offered Infrequent

ENG 592. Seminar:Topics in Linguistics. (3 Units)

Prerequisites: Consent of instructor and department chair. Advanced topics in phonological, syntactic, historical-comparative or contrastive theory and analysis. Repeatable course. Three hours of seminar per week.

Offered Spring

ENG 593. Research Methods in Applied Linguistics. (3 Units)

Prerequisites: Consent of instructor and department chair. Survey of research methods in applied linguistics, including problem description, data collection and analysis, interpretation of results. Preparation of Final Project. Three hours of seminar per week. Repeatable but may count only once toward the MA degree.

Offered Infrequent

ENG 594. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a faculty member, the student will investigate in detail current scholarship in some area, or will undertake a project involving original research or creative writing. Repeatable course.

Offered As needed

ENG 595. Special Topics:. (3 Units)

An intensive study of a selected issues in literature or linguistics. Repeatable course. Three hours of seminar per week.

Offered Infrequent

ENG 597. Directed Reading. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under the guidance of a faculty mentor. Repeatable course.

Offered Infrequent

ENG 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Creative Writing, Minor Requirements

| Code | Title | Hours |
|---|---|-----------|
| ENG 271 | Introduction to Creative Writing | 3 |
| ENG 451 | Advanced Creative Writing ¹ | 3 |
| ENG 472 | Creative Nonfiction Workshop | 3 |
| Select one course from the following: | | 3 |
| ENG 325 | Poetry | |
| ENG 326 | Prose Fiction | |
| ENG 472 | Creative Nonfiction Workshop ¹ | |
| Select one course from the following: | | 3 |
| ENG 451 | Advanced Creative Writing ¹ | |
| ENG 472 | Creative Nonfiction Workshop ¹ | |
| THE 353 | Playwriting | |
| Submit a portfolio to the department chair ² | | |
| Total Hours | | 15 |

¹ Please note that ENG 451 Advanced Creative Writing and ENG 472 Creative Nonfiction Workshop are repeatable for credit.

² The portfolio will consist of three works from the classes taken in the minor and cover essay. Please see the English department for further details.

English, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major. No minor required.

Major Requirements (45-50 units)

Students must select one of the options listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

English Education Option (50 units)

Students who complete the following will earn a B.A. in English: English Education Option and also satisfy subject matter preparation Program in English (SMPP) requirements. The SMPP is designed for students interested in a career in teaching English at the secondary school level (grades 6-12). This program satisfies the requirements set by the California Commission on Teacher Credentialing for demonstrating substantive preparation in the subject matter field of English. Completion of this approved program or passing a comprehensive examination in English fulfills one part of the requirements leading to the Single Subject teaching Credential in English. Students interested in pursuing a teaching career at the secondary level should meet regularly with their departmental advisors.

All English Education option majors must complete the 38 units of core requirements given below. In addition, all students must select one of the four fields of extended Studies (Communications, Literature, Teaching English as a Second Language, Theatre Arts, Rhetoric and Composition) and complete the 12 units worth of requirements in that field. The English Education Option is a single-field major.

Core Requirements (38 units)

| Code | Title | Hours |
|---|---|-------|
| A. Lower Division Core (9 units) | | |
| ENG 205 | Literary Genres and Devices | 3 |
| Select one course from the following (3 units) | | 3 |
| ENG 202 | English Literature to 1642 | |
| ENG 203 | English Literature: 1642-1832 | |
| ENG 204 | English Literature: 1832- Present | |
| Select one course from the following (3 units) | | 3 |
| ENG 240 | American Literature to 1865 | |
| ENG 241 | American Literature after 1865 | |
| B. Upper Division Core (18 units) | | |
| ENG 307 | Practice in Literary Criticism | 3 |
| ENG 320 | Literacy, Power, and Identity | 3 |
| ENG 335 | Readings in World Literature | 3 |
| Select one course from the following: | | 3 |
| ENG 342 | African American Literature | |
| ENG 345 | Latino/a Literature | |
| ENG 346 | Native American Literature | |
| ENG 347 | Literature of Ethnicity and Gender | |
| ENG 467 | Shakespeare | 3 |
| ENG 490 | Seminar in Literature | 3 |
| C. Additional Required Courses (9 units) | | |
| ENG 314 | English Syntax: Traditional | 3 |
| Select one course from the following: | | 3 |
| ENG 457 | Advanced Composition for Teachers | |
| ENG 485 | Literary, Media and Culture Studies | |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| D. Field Experience (2 units) | | |

| | | |
|--------------------|-------------------------------------|-----------|
| UNV 300 | Early Field Experience ¹ | 2 |
| Total Hours | | 38 |

¹ Should be taken concurrently with either ENG 485 Literary, Media and Culture Studies or ENG 487 Introduction to Second-Language Learning and Teaching. If UNV 300 is unavailable, students are advised to take TED 400 or ENG 308 and request a substitution from their advisor. More information is available through the Center for Teaching Careers (310-243-2663).

Portfolio and Exit Interview

In the last semester, students must also complete the following requirements for assessment of subject matter competence:

- Submission of a portfolio of assignments in literature, composition, language and linguistics, and from their option, and a self-reflective essay of 3-4 pp.
- An interview with a panel of faculty members from the English Department. This panel will certify completion of the Subject Matter Preparation Program in English.

Additional information on assessment of subject-matter competence is available in the English Department Office.

Extended Studies

All English Education Option students must select one of the following four fields of Extended Studies and complete it in its entirety.

Communications (12 units)

| Code | Title | Hours |
|--------------------|-------------------------------|-----------|
| COM 250 | Writing for the Media | 3 |
| COM 301 | News and Information Literacy | 3 |
| COM 338 | Cross-Cultural Journalism | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| Total Hours | | 12 |

Literature (12 units)

| Code | Title | Hours |
|---------------------------------------|--|-----------|
| ENG 306 | Backgrounds of Literature | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| Select one course from the following | | 3 |
| ENG 325 | Poetry | |
| ENG 326 | Prose Fiction | |
| ENG 327 | Drama | |
| Select one course from the following: | | 3 |
| ENG 465 | Chaucer | |
| ENG 476 | Individual Authors and Topics Pre-1700 | |
| ENG 477 | Individual Authors and Topics Post-1700 | |
| Total Hours | | 12 |

Teaching English as a Second Language (12 units)

| Code | Title | Hours |
|---------------------------------------|------------------------------------|-------|
| ENG 210 | Study of Language | 3 |
| ENG 317 | Black English Language and Culture | 3 |
| ENG 486 | ESL Teaching Methods | 3 |
| Select one course from the following: | | 3 |
| ENG 420 | Linguistic Analysis | |

| | | |
|--------------------|-------------------------|-----------|
| ENG 492 | Seminar in Linguistics: | |
| Total Hours | | 12 |

Theatre Arts (12 units)

| Code | Title | Hours |
|--------------------|-----------------------------------|-----------|
| THE 322 | Oral Interpretation of Literature | 3 |
| THE 337 | Creative Dramatics | 3 |
| THE 353 | Playwriting | 3 |
| THE 374 | Stage Directing | 3 |
| Total Hours | | 12 |

Rhetoric and composition (12 units)

| Code | Title | Hours |
|--------------------|--|-----------|
| ENG 457 | Advanced Composition for Teachers | 3 |
| or ENG 485 | Literary, Media and Culture Studies | |
| ENG 451 | Advanced Creative Writing | 3 |
| or ENG 472 | Creative Nonfiction Workshop | |
| ENG 473 | Writing Center Theory and Practices | 3 |
| ENG 478 | Current Issues in Rhetoric and Composition | 3 |
| Total Hours | | 12 |

Literature Option (45 units)

| Code | Title | Hours |
|------|-------|-------|
|------|-------|-------|

A. Lower Division Core (9 units)

| | | |
|---------|-----------------------------|---|
| ENG 205 | Literary Genres and Devices | 3 |
|---------|-----------------------------|---|

Select one course from the following: ¹ **3**

| | | |
|---------|----------------------------|--|
| ENG 202 | English Literature to 1642 | |
|---------|----------------------------|--|

| | | |
|---------|-------------------------------|--|
| ENG 203 | English Literature: 1642-1832 | |
|---------|-------------------------------|--|

| | | |
|---------|-----------------------------------|--|
| ENG 204 | English Literature: 1832- Present | |
|---------|-----------------------------------|--|

Select one course from the following: **3**

| | | |
|---------|-----------------------------|--|
| ENG 240 | American Literature to 1865 | |
|---------|-----------------------------|--|

| | | |
|---------|--------------------------------|--|
| ENG 241 | American Literature after 1865 | |
|---------|--------------------------------|--|

B. Upper Division Core (18 units)

| | | |
|---------|--------------------------------|---|
| ENG 307 | Practice in Literary Criticism | 3 |
|---------|--------------------------------|---|

| | | |
|---------|-------------------------------|---|
| ENG 320 | Literacy, Power, and Identity | 3 |
|---------|-------------------------------|---|

| | | |
|---------|------------------------------|---|
| ENG 335 | Readings in World Literature | 3 |
|---------|------------------------------|---|

Select one course from the following: **3**

| | | |
|---------|-----------------------------|--|
| ENG 342 | African American Literature | |
|---------|-----------------------------|--|

| | | |
|---------|---------------------|--|
| ENG 345 | Latino/a Literature | |
|---------|---------------------|--|

| | | |
|---------|----------------------------|--|
| ENG 346 | Native American Literature | |
|---------|----------------------------|--|

| | | |
|---------|------------------------------------|--|
| ENG 347 | Literature of Ethnicity and Gender | |
|---------|------------------------------------|--|

| | | |
|---------|-------------|---|
| ENG 467 | Shakespeare | 3 |
|---------|-------------|---|

| | | |
|---------|-----------------------|---|
| ENG 490 | Seminar in Literature | 3 |
|---------|-----------------------|---|

C. Additional Required Courses (12 units)

Select one course from the following: **3**

| | | |
|---------|-----------------------------|--|
| ENG 314 | English Syntax: Traditional | |
|---------|-----------------------------|--|

| | | |
|---------|--------------------|--|
| ENG 315 | Theoretical Syntax | |
|---------|--------------------|--|

| | | |
|---------|---------------------------------|--|
| ENG 413 | History of the English Language | |
|---------|---------------------------------|--|

| | | |
|---------|------------------|--|
| ENG 414 | American English | |
|---------|------------------|--|

Select one course from the following: **3**

| | | |
|---------|--------|--|
| ENG 325 | Poetry | |
|---------|--------|--|

| | | |
|---------|---------------|--|
| ENG 326 | Prose Fiction | |
|---------|---------------|--|

| | | |
|---------|-------|--|
| ENG 327 | Drama | |
|---------|-------|--|

Select one course from the following: **3**

| | | |
|---------|---------|--|
| ENG 465 | Chaucer | |
|---------|---------|--|

| | | |
|---------|--|--|
| ENG 476 | Individual Authors and Topics Pre-1700 | |
|---------|--|--|

| | | |
|---------|---|---|
| ENG 477 | Individual Authors and Topics Post-1700 | 3 |
|---------|---|---|

D. Select to additional upper division courses in English with the assistance of an advisor. ¹ **6**

Total Hours **45**

¹ Transfer Students will need to complete the lower division core if they have not already taken the equivalent.

² ENG 305 Critical Reading of Literature and ENG 350 Advanced Composition may not count as electives.

English Education Concentration**4-Year Roadmap**

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| GE Written Communication | | 3 |
| GE Lower Division Arts & Humanities or Social Science | | 3 |
| GE Ethnic Studies | | 3 |
| ENG 150 | Languages of the World ¹ | 3 |
| GE Lifelong Learning & Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 | History Of United States | 3 |
| or POL 101 | or American Institutions | |
| GE Quantitative Reasoning | | 3 |
| ENG 230 | Literature and Popular Culture ² | 3 |
| ENG 271 | Introduction to Creative Writing | 3 |
| GE Oral Communication | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Physical or Life Science | | 3 |
| GE Lower Division Arts & Humanities or Social Science | | 3 |
| GE Critical Thinkng | | 3 |
| ENG 205 | Literary Genres and Devices | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 | History Of United States | 3 |
| or POL 101 | or American Institutions | |
| Elective Course | | 3 |
| ENG 240 | American Literature to 1865 | 3 |
| or ENG 241 | or American Literature after 1865 | |
| ENG 202 | English Literature to 1642 ¹ | 3 |
| or ENG 203 | or English Literature: 1642-1832 | |
| GE Physical or Life Science | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| Extended Studies | | 3 |
| ENG 307 | Practice in Literary Criticism | 3 |
| ENG 314 | English Syntax: Traditional | 3 |
| ENG 320 | Literacy, Power, and Identity | 3 |

| | | |
|---|---|------------|
| ENG 308 or OTHER GE UD HUMANITIES | Critical Approaches to Children's Literature or | 3 |
| Hours | | 15 |
| Spring | | |
| GE Upper Division Integrative Studies in Natural or Social Sciences | | 3 |
| ENG 342 or ENG 345 or ENG 346 or ENG 347 | African American Literature or Latino/a Literature or Native American Literature or Literature of Ethnicity and Gender | 3 |
| Extended Studies | | 3 |
| Extended Studies | | 3 |
| Hours | | 12 |
| Fourth Year | | |
| Fall | | |
| GE UD Integrative Studies in Natural or Social Sciences | | 3 |
| ENG 457 or ENG 485 | Advanced Composition for Teachers or Literary, Media and Culture Studies | 3 |
| ENG 467 | Shakespeare | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| Extended Studies | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 490 | Seminar in Literature ⁴ | 3 |
| UNV 300 | Early Field Experience | 2 |
| Elective Course | | 3 |
| Elective Course | | |
| Elective Course | | |
| Hours | | 8 |
| Total Hours | | 110 |

- ¹ or other GE Social Science course
- ² or other GE Humanities course
- ³ or other GE UD Integrative Studies Humanities
- ⁴ GWAR-Certifying course

2-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ENG 307 | Practice in Literary Criticism | 3 |
| ENG 314 | English Syntax: Traditional | 3 |
| ENG 308 | Critical Approaches to Children's Literature ¹ | 3 |
| Elective course | | 3 |
| Extended Studies | | 3 |
| Hours | | 15 |
| Spring | | |
| Extended Studies of Field | | 3 |
| ENG 320 | Literacy, Power, and Identity | 3 |
| ENG 335 | Readings in World Literature | 3 |
| ENG 342 or ENG 345 or ENG 346 or ENG 347 | African American Literature or Latino/a Literature or Native American Literature or Literature of Ethnicity and Gender | 3 |
| GE UD Integrative Studies in Natural or Social Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ENG 457 or ENG 485 | Advanced Composition for Teachers or Literary, Media and Culture Studies | 3 |
| ENG 467 | Shakespeare | 3 |

| | | |
|---|---|-----------|
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| GE UD Integrative Studies in Natural or Social Sciences | | 3 |
| Extended Studies | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 490 | Seminar in Literature ² | 3 |
| UNV 300 | Early Field Experience | 2 |
| Extended Studies | | 3 |
| Extended Studies | | 3 |
| ELECTIVE COURSE | | |
| Elective Course | | 4 |
| Hours | | 15 |
| Total Hours | | 60 |

- ¹ or other GE UD Integrative Studies Humanities
- ² GWAR-Certifying course

English Literature Concentration

4-Year Roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Written Communication | | 3 |
| GE LD Arts & Humanities or Social Sciences | | 3 |
| GE Ethnic Studies | | 3 |
| ENG 315 | Theoretical Syntax ¹ | 3 |
| GE Lifelong Learning & Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| GE Physical or Life Science | | 3 |
| GE Quantitative Reasoning | | 3 |
| ENG 230 | Literature and Popular Culture ² | 3 |
| GE LD Arts & Humanities or Social Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Oral Communication | | 3 |
| GE Physical or Life Science | | 3 |
| GE Science Laboratory | | 1 |
| GE LD Arts & Humanities or Social Sciences | | 3 |
| ENG 307 | Practice in Literary Criticism | 3 |
| Elective Course | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Critical Thinking | | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| ENG 325 or ENG 326 or ENG 327 | Poetry or Prose Fiction or Drama | 3 |
| ENG 340 | American Literature to 1865 | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| ENG 308 | Critical Approaches to Children's Literature ³ | 3 |

| | | |
|---|---|------------|
| ENG 314 or ENG 315 or ENG 413 or ENG 414 | English Syntax: Traditional or Theoretical Syntax or History of the English Language or American English | 3 |
| ENG 341 | American Literature: 1865-Present | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| GE UD Integrative Studies in Natural or Social Sciences | | 3 |
| ENG 302 | English Literature to 1642 | 3 |
| ENG 342 or ENG 345 or ENG 347 | African American Literature or Latino/a Literature or Literature of Ethnicity and Gender | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GE UD Integrative Studies or Natural Sciences | | 3 |
| ENG 303 | English Literature: 1642-1832 | 3 |
| ENG 465 or ENG 467 | Chaucer or Shakespeare | 3 |
| English Elective | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 304 | English Literature: 1832-Present | 3 |
| ENG 490 | Seminar in Literature ⁴ | 3 |
| English Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

¹ or other GE Social Science course

² or GE Humanities course

³ or other GE UD Integrative Studies in Humanities

⁴ GWAR-Certifying course

2-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ENG 307 | Practice in Literary Criticism | 3 |
| ENG 314 or ENG 315 or ENG 413 or ENG 414 | English Syntax: Traditional or Theoretical Syntax or History of the English Language or American English | 3 |
| ENG 325 or ENG 326 or ENG 327 | Poetry or Prose Fiction or Drama | 3 |
| ENG 308 | Critical Approaches to Children's Literature ¹ | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 302 | English Literature to 1642 | 3 |
| ENG 340 | American Literature to 1865 | 3 |
| ENG 342 or ENG 345 or ENG 347 | African American Literature or Latino/a Literature or Literature of Ethnicity and Gender | 3 |
| GE UD Integrative Studies in Natural or Social Sciences | | 3 |

| | | |
|---|------------------------------------|-----------|
| Elective Course | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ENG 303 | English Literature: 1642-1832 | 3 |
| ENG 341 | American Literature: 1865-Present | 3 |
| ENG 465 or ENG 467 | Chaucer or Shakespeare | 3 |
| GE UD Integrative Studies in Natural or Social Sciences | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 304 | English Literature: 1832-Present | 3 |
| ENG 490 | Seminar in Literature ² | 3 |
| English Elective | | 3 |
| English Elective | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ or other GE UD Integrative Studies in Humanities course

English, Master of Arts

Admission Requirements

All applicants to the M.A. in English must follow all application and admission procedures outlined in the university graduate application booklet. To be admitted to the program, the applicant must have earned a baccalaureate degree from an accredited university or college and a grade point average of 3.00 or better in the last 60 semester units of upper division course work attempted (not including extension units). Applicants with majors other than English may be accepted into the program, but should expect to do additional work to gain the background necessary for success in their graduate courses.

Program Requirements

Prerequisites and Admission to Classified Standing and Advancement to Candidacy

1. Graduate standing or permission of the instructor are prerequisites to enrollment in graduate English classes.
2. For admission to classified standing, students must have completed nine units of graduate English (500-level) courses at CSU Dominguez Hills with an average of "B" or better.
3. For advancement to candidacy, students must have attained classified standing and have completed nine additional graduate units in English with an average of "B" or better, in addition to completing the Graduate Writing Assessment Requirement.

Graduation Requirements

1. Each student's program must be approved by the graduate coordinator. No more than nine units selected from upper division undergraduate offerings in English may count toward the master's degree in English.
2. Graduate students must satisfy the Graduation Writing Assessment Requirement.
3. In addition to successful completion of required coursework, all candidates must achieve a passing score on a Comprehensive Examination. Literature and Literature & Rhetoric/Composition candidates who have earned a 3.75 GPA, or who have an ongoing

project warranting special permission from the graduate coordinator and the thesis director, may elect to undertake a Thesis, provided that they can form a thesis committee with the relevant specialization and have their proposal approved by the graduate committee.

4. Students must complete all requirements for the M.A. within seven years.
5. In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Requirements for the Master's Degree."
6. A reading knowledge of at least one foreign language is a valuable research and teaching tool. While a formal foreign language requirement is not part of this program, those planning to pursue a Ph.D. in English should prepare themselves to meet the doctoral requirement calling for reading ability in two foreign languages.

Literature Option (30 units)

The Master of Arts in English is a degree in literature, the heart of the discipline. The program provides for both breadth and depth in the study of literature.

Students may choose to do all of their work in literature or may elect an emphasis in Rhetoric and Composition.

Requirements

| Code | Title | Hours |
|---|---|-------|
| Prerequisites | | |
| ENG 307 | Practice in Literary Criticism | 3 |
| Select one of the following: | | 3 |
| ENG 490 | Seminar in Literature Any single-author course | |
| Select three courses from the following: | | 9 |
| ENG 302 | English Literature to 1642 | |
| ENG 303 | English Literature: 1642-1832 | |
| ENG 304 | English Literature: 1832-Present | |
| ENG 340 | American Literature to 1865 | |
| ENG 341 | American Literature: 1865-Present | |
| Required Courses | | |
| ENG 501 | Advanced English Studies | 3 |
| ENG 545 | Literary Criticism | 3 |
| ENG 575 | Teaching Of Composition | 3 |
| Select one course from the following: | | 3 |
| ENG 530 | Seminar: Studies in Medieval Literature | |
| ENG 535 | Seminar: Studies in Renaissance Literature | |
| Select one course from the following: | | 3 |
| ENG 540 | Seminar: Studies in Restoration and Eighteenth-Century Literature (1660-1798) | |
| ENG 543 | Seminar: Studies in Romantic Literature (1798-1832) | |
| ENG 546 | Seminar: Studies in Victorian Literature (1832-1901) | |
| ENG 552 | Sem: Studies In American Literature to 1900 | |
| Select one course from the following: | | 3 |
| ENG 549 | Seminar: Modern British Literature | |
| ENG 555 | Seminar: Studies in American Literature After 1900 | |
| Select four additional courses in English | | 12 |

| | |
|-------------------------------------|-----------|
| Comprehensive Examination or Thesis | |
| Total Hours | 45 |

Literature Option with Rhetoric and Composition Emphasis (12 units)

The emphasis in Rhetoric and Composition is a specially designed program for students who plan to teach writing at the secondary or community college level. Students may be offered the opportunity to gain practical experience by working as tutors in the writing program. Students who choose this emphasis are required to take the "Required Course" and "Three additional courses" in Rhetoric and Composition as listed below to satisfy the Literature Option.

| Code | Title | Hours |
|---|---|-----------|
| ENG 576 | History and Theories of Rhetoric | 3 |
| Select three additional courses numbered between 570 and 580 with advisor approval: | | 9 |
| ENG 570 | Seminar in Writing ¹ | |
| ENG 571 | Discourse Analysis | |
| ENG 577 | Current Issues in Rhetoric and Composition ¹ | |
| Comprehensive Examination or Thesis | | |
| Total Hours | | 12 |

¹ Repeatable for credit.

Teaching of English as a Second Language (TESL) Option (30 units)

The Master of Arts in English Option in the Teaching of English as a Second Language (TESL) is a 30-unit program of study designed for graduate students planning careers in TESL/TEFL at the secondary school or college level in this country or abroad. This program combines upper division and graduate level course work in English and linguistics.

| Code | Title | Hours |
|--|---|-------|
| Prerequisites | | |
| ENG 311 | Phonology | 3 |
| ENG 312 | Morphology | 3 |
| ENG 315 | Theoretical Syntax | 3 |
| A minimum of one year's work in a foreign language | | |
| Required Courses | | |
| ENG 513 | History of English Language | 3 |
| ENG 514 | American English | 3 |
| ENG 581 | Semantics, Pragmatics and Discourse | 3 |
| ENG 582 | Seminar: Linguistic Analysis | 3 |
| ENG 583 | Seminar: Psycholinguistics | 3 |
| or ENG 584 | Seminar: Sociolinguistics | |
| ENG 585 | Second Language Acquisition | 3 |
| ENG 586 | ESL Teaching Methods | 3 |
| ENG 587 | Seminar: Current Issues in TESL/Applied Linguistics | 3 |
| ENG 588 | Sem: Pedag Gram For TESOL | 3 |
| ENG 592 | Seminar: Topics in Linguistics | 3 |
| A passing score on Comprehensive Examinations | | |

Select a practicum with the prior approval of the TESL Coordinator
Total Hours 39

English, Minor Requirements

| Code | Title | Hours |
|--|--------------------------------|-----------|
| ENG 205 | Literary Genres and Devices | 3 |
| ENG 307 | Practice in Literary Criticism | 3 |
| Select three upper division English courses with the assistance of an advisor ¹ | | 9 |
| Total Hours | | 15 |

¹ ENG 305 Critical Reading of Literature and ENG 350 Advanced Composition may not count toward the minor.

English, Subject Matter Preparation

Students admitted in Fall 2009 and after who plan to complete the Subject Matter Preparation Program in English should consult the English: English Education option requirements.

The Subject Matter Preparation Program in English is designed for students interested in a career in teaching English at the secondary school level. This program satisfies the requirements set by the State Commission on Teacher Credentialing for demonstrating substantive preparation in the subject matter field of English. Completion of this approved program or passing a comprehensive examination in English (the CSET or California Subject Examination for Teachers) fulfills one part of the requirements leading to the Single Subject Teaching Credential in English. While the Subject Matter Preparation Program in English is not itself an academic major, the requirements are the same as those required for the English: English Education option, plus the portfolio and interview. Students interested in pursuing a teaching career at the secondary level should meet regularly with their departmental advisors.

Linguistics, Minor

Requirements

Upper Division Required Courses (15 Units)

| Code | Title | Hours |
|--------------------|-------------------------|-----------|
| ENG 311 | Phonology | 3 |
| ENG 312 | Morphology | 3 |
| ENG 315 | Theoretical Syntax | 3 |
| ENG 420 | Linguistic Analysis | 3 |
| ENG 492 | Seminar in Linguistics: | 3 |
| Total Hours | | 15 |

Professional and Creative Writing, Certificate

The Professional and Creative Writing Certificate Program is designed to expand the skills and knowledge of students interested in writing. The certificate program prepares students for work as writers, editors or teachers, but also for jobs in any field that requires creative thinking and

clear expression. Drawing on the diverse talents of faculty throughout the campus community, the program offers students intensive, practical experience in writing in their choice of creative genres (poetry, fiction, drama, screenplays, and multimedia) as well as job-oriented courses in professional, technical, and scientific writing. Students write and revise in intensive workshops of limited size and take additional courses in the craft and history of their area of concentration. In addition, students get practical, real-world writing experience through internship programs in the Los Angeles area.

The Professional and Creative Writing Certificate Program is designed to expand the skills and knowledge of students interested in writing. The certificate program prepares students for work as writers, editors or teachers, but also for jobs in any field that requires creative thinking and clear expression. Drawing on the diverse talents of faculty throughout the campus community, the program offers students intensive, practical experience in writing in their choice of creative genres (poetry, fiction, drama, screenplays, and multimedia) as well as job-oriented courses in professional, technical, and scientific writing. Students write and revise in intensive workshops of limited size and take additional courses in the craft and history of their area of concentration. In addition, students get practical, real-world writing experience through internship programs in the Los Angeles area.

Requirements

Upon admission to the program, student must complete 18 units with a grade of C or better in each course selected from the following:

| Code | Title | Hours |
|--|--|-------|
| Prerequisite Courses | | |
| COM 250 or ENG 271 | Newsriting For Media Introduction to Creative Writing | 3 |
| Foundation Courses | | |
| Select one to two courses from the following: | | 3-6 |
| ENG 325 | Poetry | |
| ENG 326 | Prose Fiction | |
| ENG 327 | Drama | |
| DMA 300 | Digital Technology, Culture and the Arts | |
| Elective Courses | | |
| Select three to four courses from the following: | | 9-12 |
| ANT 375 | Ethnographic Meth & Tech | |
| ANT 388 | Anthro Theories Of Behav | |
| BIO 490 | Senior Project | |
| CHS 490 | Senior Seminar in Chicana/o Studies | |
| CHS 497 | Directed Reading | |
| COM 342 | Advertising Strategy and Copywriting | |
| COM 346 | News Gathering & Reporting | |
| COM 352 | Feature And Critical Writing | |
| COM 366 | Public Relations Writing | |
| COM 331 | Screenwriting I | |
| CSC 301 | Computers And Society | |
| DGN 340 | Web Design 1 | |
| DGN 430 | Motion Design 2 | |
| ENG 451 | Advanced Creative Writing | |
| SPA 340 | Practical Spanish for Interpreters and Translators | |
| THE 353 | Playwriting | |

Internship Requirement

| | | |
|--------------------|-------------------|--------------|
| ENG 494 | Independent Study | 3 |
| Total Hours | | 18-24 |

Rhetoric and Composition, Certificate

The Certificate in Rhetoric and Composition is a program that may be taken with or apart from any degree program or major. Many students who have completed graduate degrees have found this certificate program both exciting and helpful. The following courses must be completed for this certificate. Candidates must maintain a grade point average of 3.0 or better in the program.

Requirements

| Code | Title | Hours |
|--|----------------------------------|-----------|
| ENG 575 | Teaching Of Composition | 3 |
| ENG 576 | History and Theories of Rhetoric | 3 |
| Select three additional ENG courses numbered between 570 and 580 inclusive with advisor approval | | 9 |
| Total Hours | | 15 |

Teaching of English to Speakers of Other Languages (TESOL), Certificate

The Certificate in the Teaching of English to Speakers of Other Languages (TESOL) is a program of study designed for teachers and prospective teachers seeking competence in the teaching of English to speakers of other languages. The program combines upper division and graduate courses in English, linguistics and education. Courses completed as part of other programs of study may be applicable toward the certificate. Candidates must maintain a grade point average of 3.0 or better in the program.

Requirements

Prerequisites

1. An acceptable baccalaureate degree from an accredited institution and a grade point average of 2.5 or better over the last 60 semester units attempted.
2. A minimum of one year's work in a foreign language.

| Code | Title | Hours |
|---|---|-----------|
| ENG 314 | English Syntax: Traditional | 3 |
| ENG 486 | ESL Teaching Methods | 3 |
| or ENG 586 | ESL Teaching Methods | |
| ENG 311 | Phonology | 3 |
| or ENG 312 | Morphology | |
| Select two courses from the following: | | 6 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | |
| ENG 581 | Semantics, Pragmatics and Discourse | |
| ENG 585 | Second Language Acquisition | |
| ENG 587 | Seminar: Current Issues in TESL/Applied Linguistics | |
| ENG 588 | Sem:Pedag Gram For TESOL | |
| Select a practicum with the prior approval of the TESOL Coordinator | | |
| Total Hours | | 15 |

Environmental Science

College of Natural and Behavioral Sciences
Department of Earth Science and Geography

Program Description

The M.S. in Environmental Science is an interdisciplinary program housed in the College of Natural and Behavioral Science (CNBS). Our mission is to prepare leaders, innovative thinkers, and planners who can address and solve environmental challenges using interdisciplinary approaches. Because of our campus' location, the emphasis of the program is on the urban environment. The required courses in the natural and social sciences introduce students to the unique problems of environmental analysis, policy, and planning. Elective courses allow students the flexibility to meet their specific interests and career goals. Real-world experience is obtained through directed research and internships in government agencies, non-profit organizations, and corporations.

Features

The program is interdisciplinary, with core and elective courses drawn from the natural and social sciences. Core courses introduce the student to the unique problems of the urban environment, environmental analysis, policy, and planning, mathematical and analytic skills to address environmental problems, and the original research literature in environmental science. Elective courses allow students the flexibility to tailor their academic programs to meet specific goals. Students obtain real-world experience in the urban environment through internships in government, non-governmental, or other agencies and organizations. The academic program culminates with an original research project leading to a thesis.

Two Tracks toward MS in Environmental Sciences

All students can enter the master's program through either the Internship Track or Thesis track. The 'Internship' (Professional) track (i.e., without the thesis option) is primarily aimed at students who want to gain professional experience while pursuing their degree and seek immediate employment after graduating from the program.

Students seeking the Thesis Track are strongly advised to consult with the Program Coordinator and contact prospective faculty mentors before applying for the research track. The conventional 'Thesis' (Research) track is

Admission Requirements

Admission as a classified graduate student requires applicants to hold a bachelor's degree in natural or social science from an accredited university with a minimum grade point average of 3.0 overall or 3.0 in the last 60 semester (90 quarter) units of upper-division course work. Students with GPAs between 2.5 and 2.9 in the last 60 semester (90 quarter) units of upper-division course work, may be granted conditional admission. All students are required to have completed two courses in a field related to environmental science and a statistics course, with grades of "B" or better.

Applicants must also document writing proficiency by submitting administrative evidence of graduate writing proficiency. This is usually the satisfactory completion of an upper-division writing course or a writing exit examination prior to receiving the undergraduate diploma. In

the CSU system, this writing competency is called the Graduation Writing Assessment Requirement (GWAR).

There are four existing pathways for entering graduate and post-baccalaureate students to immediately satisfy GWAR: GL requirements:

1. Graduate students who earned a baccalaureate degree from an accredited college or university in the United States satisfy the GWAR: GL.
2. Graduate students who earned a baccalaureate degree from an accredited non-US institution where English is a primary language of instruction satisfy the GWAR: GL.
3. Graduate students who earned a 4 or above on the analytical writing component of the Graduate Record Examinations (GRE) or the Graduate Management Admission Test (GMAT) satisfy the GWAR: GL.
4. Students coming from baccalaureate programs offered in non-English speaking university settings can qualify to enter a graduate program by meeting university admissions standards as outlined in the online course schedule and catalog.

Applicants with a baccalaureate degree from a non-English speaking university or who have not attended schools at the secondary level or above for at least three years full-time where English is the principal language of instruction are also required to submit proof of English proficiency. Please visit <https://www.csudh.edu/future-students/international/english-proficiency> for details.

1. A minimum score of 80 on the internet-based TOEFL exam (iBT),
2. A minimum score of 213 on the computer-based TOEFL exam
3. A score of 6.5 or higher on the IELTS Academic Test, or
4. A score of 53 or higher on the Pearson Test of English (PTE) Academic

Applications are not considered complete without the test scores.

These test scores should be sent along with your other application materials to the address provided above.

Please note that scores are considered valid for only two years and that if several scores are submitted, only the most recent is considered.

Students who meet all but one requirement of the MSES program may be admitted in conditionally classified status at the Program Coordinator's discretion. They must meet all conditions by the end of the first academic year.

Admission Procedures

All applicants are required to complete a Cal State Apply application. The following documents should be submitted in the 4th Quadrant at Cal State Apply:

1. CV/resume
2. All unofficial transcripts (must also submit all official transcripts to the Office of Admissions at CSUDH)
3. A personal statement/cover letter
4. Letters of recommendation are not required but can be provided in support of the applicant

All applicants are also required to contact the program coordinator and those faculty with whom they wish to work.

1. Students are strongly advised to contact a potential Faculty mentor prior to submitting application materials to increase the possibility of enrollment.
2. Submit to the M. S. in Environmental Science Program Coordinator:
 - A letter describing research interests, goals, and expectations in pursuing the master's degree in environmental science.
 - Unofficial undergraduate transcripts (separate official copies still need to be submitted to University Admissions).

The application deadline for the **Fall semester is March 1st. Application materials can be sent to:**

California State University Dominguez Hills
College of Natural and Behavioral Sciences, Dean's Office
ATTN: Environmental Science Program Coordinator
1000 E. Victoria Carson, CA 90747

Academic Advisement

Upon acceptance to the program, each student will select or be assigned to a faculty advisor and plan an individualized program of study based on the student's interests and career goals. All students in the program will be required to be advised every semester to assess student progress and program effectiveness.

Career Possibilities

Among the many employment opportunities available for recipients of an M.S. in Environmental Science are government agencies, particularly in the areas of environmental protection and management, water, sewer and power-generation utilities, analytic laboratories, environmental and engineering firms, private industry and management, and nonprofit organizations. Potential areas of employment include forestry, agriculture, fisheries management, environmental education, air quality analysis or control, soil conservation, environmental lobbying, remote sensing, urban and regional planning, soil and water conservation, environmental policy analysis, environmental impact analysis, environmental planning, conservation systems analysis, earth science, oceanography, hydrology, seismology, and environmental social impact analysis. In addition, the M.S. in Environmental Science is excellent preparation for further academic pursuits, such as a Ph.D. in environmental science or a degree in environmental law.

Graduate Programs

Master

- Environmental Science, Master of Science (p. 556)

Faculty

Ashish Sinha, Program Coordinator
Parveen Chhetri (Earth Sciences), Cheyenne Cummings (Earth Sciences)

Department Office: NBS Dean's Office LIB 5734, (310) 243-2547

Courses

ENV 590. Graduate Seminar. (1-3 Units)

Prerequisite: Graduate standing in the M.S. in Environmental Science Program or approval by the Program Coordinator. Presentation and discussion of selected topics in environmental science. One to two hours of seminar per week. Repeatable course. A maximum of four units may be applied to the master's degree.

Offered Fall, Spring

ENV 596. Internship in Environmental Science. (3 Units)

Supervised internship, in the student's area of interest, with a participating agency or company. The internship will be chosen in consultation with the Program Coordinator. A minimum of nine hours per week of internship activity and a final written report are required.

Offered Fall, Spring

ENV 598. Directed Research. (1-3 Units)

Laboratory and/or field research on a specific subject in environmental science. The research is to be approved and directed by the instructor. Repeatable course. A maximum of three units may be applied to the master's degree.

Offered Fall, Spring

ENV 599. Thesis. (3 Units)

Research and writing of a thesis to fulfill the thesis requirement for the master's degree. The topic of the thesis to be approved and supervised by the Graduate Advisor, in consultation with the student's Graduate Thesis Committee. Repeatable course. A maximum of three units may be applied to the master's degree.

Offered Fall, Spring

ENV 600. Graduate Continuation Course. (1 Unit)

Graduate students who have completed their course work but not their thesis may maintain continuous attendance by enrolling in this course.

Offered Fall, Spring

Environmental Science, Master of Science

Degree Requirements (30 units)

The M.S. in Environmental Science requires completion of 30 units, at least 21 of which must be at the graduate (500-level).

| Code | Title | Hours |
|--|-------------------------------------|-------|
| Required Courses | | |
| ANT 555 | People, Culture and the Environment | 3 |
| BIO 502 | Biostatistics | 3 |
| BIO 510 | Urban Environmental Science | 3 |
| GEO 433 | Environmental Analysis and Planning | 3 |
| ENV 590 | Graduate Seminar ¹ | 1-3 |
| ENV 598 | Directed Research | 1-3 |
| Electives ² | | |
| Select two elective courses from the following list: | | 6 |
| BIO 416 | Landscape Ecology | |
| CHE 474 | Geochemistry | |
| GEO 405 | Advanced Cartography | |
| GEO 408 | Remote Sensing and Image Processing | |
| GEO 412 | Rivers and Streams | |
| GEO 415 | Geographic Information Systems | |

| | | |
|-------------------------|-------------------------------------|--------------|
| GEO 416 | Earth's Climates | |
| GEO 420 | Natural Resources | |
| SOC 408 | Survey Research | |
| Internship Track | | |
| ENV 596 | Internship in Environmental Science | 3 |
| Thesis Track | | |
| ENV 599 | Thesis | 3 |
| Total Hours | | 26-30 |

¹ For students enrolled in the Thesis and Internship Options, ENV 590 Graduate Seminar must be taken at least twice; 1-2 units each

² In consultation with an academic advisor, each student will select 2 elective courses from the following list. Elective courses will be selected that best suit the academic background and career goals of the student. Other courses may be substituted with the approval of the academic advisor and Program Coordinator.

Options

Thesis

A written thesis, based on an original research project in environmental science, and an oral defense of the thesis are required for completion of the degree.

Each student must select a thesis advisor and two faculty to serve as the graduate thesis committee. When additional expertise is required, a member may be from another institution, but at least two committee members, including the Chair, must be full-time CSUDH faculty.

The student in consultation with his or her major advisor will prepare a research proposal along with a time line to completion. The proposal must outline the problem, its significance, and the methods to be employed to collect and analyze data. The proposal must be approved by the two other members of the thesis committee and submitted to the Program Coordinator.

The thesis will be evaluated on the basis of originality, critical and independent thinking, appropriate organization and format, and thorough documentation. Upon the completion and acceptance of the thesis, the student and advisor will arrange for an oral defense of the thesis. This ordinarily takes the form of a seminar to which the faculty, students and public are invited to attend.

Internship

A culminating report and portfolio are required for completion of the degree.

Each student must obtain faculty approval for each of the internships. Faculty supervisor must be full-time CSUDH faculty, but when additional expertise is required, an additional supervisor may be from another institution or from the part-time faculty. Each internship must focus on the student's intended field of study within the field of Environmental Science and should guide the student to completing a final culminating report.

The student, in consultation with both their faculty advisor and internship supervisor will prepare a final written report detailing skills learned, tasks accomplished, and/or research conducted. The written report must detail environmental methods used during the internship and explain to others how to complete the tasks undertaken.

The culminating written report will be evaluated on the basis of originality, critical independent thinking, appropriate organization and format, and thorough documentation. Upon completion and acceptance by the faculty advisor, the student is required to present the material at a conference.

Continuing Student Status

Students must maintain continuous enrollment throughout the graduate program and during the semester they graduate. Students who miss a semester must reapply to the university and to the program. Students who have completed all course work and are working on their thesis may enroll in ENV 600 Graduate Continuation Course, or equivalent, to maintain continuous attendance.

Grades

An overall "B" average is required in courses in the student's program and all courses must be passed with a grade of "B-" or above.

Policy on Revalidation of Outdated Course Work

All course work taken in the master's degree program must be completed within the five years immediately preceding the date of graduation. Revalidation of outdated course work may be requested from the University Graduate Studies Office through the Environmental Science Program Coordinator. Outdated course work means courses that were completed between five and seven years immediately preceding the date of graduation. The request must be accompanied by a petition from the program Coordinator that verifies that the student has done one of the following:

- repeated the course and passed it with a grade of B or better;
- taken the exams and completed the assignments of the course as it is currently offered and earned a grade of B or better;
- taken and passed a written comprehensive exam which covers the course contents.

Classified Standing

If a student has been admitted to Conditionally Classified status he or she must fulfill the conditions for Classified standing by the end of the first year after admission. The student must submit an Application for Classified Standing to the Dean of Graduate Studies, who will forward the request to the Environmental Science Coordinator. To receive classified standing, the student must have:

- completed all prerequisite courses and requirements including the GEAR;
- a grade point average of 3.0 or better in all courses taken at CSUDH and received a grade of B- or better in all courses.

Advancement to Candidacy

An application for advancement of candidacy is submitted when the student has completed most of the course work. Application is made through the Program Coordinator and must be done before the student can submit the thesis or culminating written report. This application will list the student's program of courses and other requirements which must be completed for the degree.

The Program coordinator send the advancement to candidacy form to the College Dean and Graduate Dean who forwards it to the graduation

unit of the Registrar's Office. It is used for the degree check after the student has submitted an Application for Graduation from the Office of the Registrar.

University Requirements

In addition to the program requirements, students must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Requirements for the Master's Degree (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)."

- **Environmental Literacy.** Students will demonstrate their knowledge of, and the ability to analyze, diverse environmental problems representing the local, state, national and international spatial scales.
- **Environmental Multidisciplinarity.** Students will demonstrate their understanding of the complexity of environmental processes and problems, and an understanding of why environmental science is a multidisciplinary endeavor that draws from the natural and social sciences.
- **Written and Oral Communication.** Students will demonstrate their ability to describe research and to summarize research results in essays, written reports and oral presentations.
- **Scientific Research.** Students will perform in-depth scientific research, incorporating literature reviews; hypothesis formulation and testing; data collection and analysis, and critical reasoning.
- **Thesis Writing.** Students will demonstrate the ability to author an original, in-depth, scientific research monograph (the thesis).
- **Professional Preparation.** Students will work on research projects and hone research skills toward their mastery of environmental science, particularly in the urban setting. The thesis research project prepares students for doctoral programs and/or the environmental workforce, and can be used as examples of the knowledge and expertise that they could bring to prospective employers.

Film and Television Production

College of Arts and Humanities
Department of Digital Media Arts

Program Description

The B.A. in Film & Television Production in the Digital Media Arts Department at CSUDH is a hands-on, professionally-oriented program geared for students who want marketable job skills for careers in film, television, and related media industries. Students write, create, produce, direct, and edit their own film features, television documentaries, music videos, instructional films, television public service announcements (PSA's), and a variety of client-based projects for nonprofit organizations, community groups, and corporate partners.

The mission of the Film & Television Production degree is to

1. provide an academic program that gives students a solid base in the theory and technology skills required for professional careers in the film and television industry;
2. provide hands-on experience in the basic software and hardware tools utilized in film and television production;
3. provide the opportunity for students to work in teams, applying their producing, directing, writing, editing, and engineering skills to produce a variety of professional-quality film and television products; and

4. develop interpersonal skills and professional demeanor that will enable students to work effectively and cooperatively as team players on collaborative projects in the industry.

The Film & Television Production curriculum emphasizes collaborative teamwork among the students in the Digital Media Arts Department's three degree programs. For example, Film & Television students will write, produce, film, and edit a television documentary or short movie that our Audio Engineering students then take over to perform the sound design elements of ADR, foley, and sound effects editing, while our Music Technology students compose, arrange, and record original music scores for the film's soundtrack. Conversely, our Audio and Music Technology students record and produce a band's song while the Film & Television students film and edit the music video of the song as well as the bonus material such as interviews with the band and behind-the-scenes "making of" footage for the interactive DVD, Blu-ray, or website.

The Film & Television Production degree is geared for students who want to have careers working as professionals in the media industry. These career goals include producer, director, writer, editor, cinematographer, camera operator, audio/video post-production, motion graphics and animation designer, or freelance videographer. With Hollywood just 20 minutes from campus, our students have the opportunity to work for and serve internships at a variety of commercial TV stations, motion picture studios, audio and video post-production houses, and cable networks. There are also internship and employment opportunities for our students in noncommercial media venues such as educational media at schools and colleges and in-house media production at major corporations and community organizations.

Features

Television Studio allows students to produce multi-camera projects in a 10,000 square-foot sound stage equipped with real time 3D virtual set creation for digital compositing on a 40x12 coved cyc, Grass Valley SEG, Inscrubber CG, Leicht Still Store, Kino-Flo and Mole-Richardson studio lighting, Mackie 16 channel mixer, and Strand CD80 dimmer system.

Recording Studios equipped with Pro Tools 10 HD with HDX 24 In/Outs; SSL AWS-900+SE, 32x24x2 Console, 32x24x2 Sound Workshop Console, Furman HDS-6 and HR-6 headphone distribution system, Blue Sky monitors, various plug-ins by Sony, Oxford, Line 6, Digidesign, Native Instruments, Focusrite, Massenberg Design Works, M-Audio, and McDSP, and a variety of professional microphones such as Neumann U-87, TLM-170, KM-83/84, AKG C414, Audix DP-5 drum pack, Groove Tube MD-1, and Sennheiser MD421 for recording, mixing, and mastering in stereo and 5.1 surround. Avantone Reference Monitors are also available for composite soundtrack mixing of dialogue, foley, sound effects, and music score for television and film projects.

Design Labs equipped with Mac Pro computer stations allow students to design disc cover packaging, motion graphics, television titles, websites, and green screen effects using Photoshop, Illustrator, After Effects, and Dreamweaver.

Finishing Suites allow students to edit their final cuts and mix their final soundtracks on a 4K monitor and high fidelity sound system equipped with a variety of color correction, motion graphics, and audio editing software.

Field Production Filming Systems equipped with Sony cinema cameras with prime lenses, Sachtler fluid-head tripods; crane and dolly systems; gimbal cameras, LED light kits by Dracast, Fiilex, and Ikan; Reflectmedia portable green screen system; Matthews C-Stands and Road Rags;

Sennheiser boom microphone systems with PCS carbon fiber poles; and Lilliput field monitors allow students to film professional-quality projects on location.

Graduation with Honors

Undergraduate students may be candidates for graduation with honors in Film and Television Production if they meet the following criteria:

1. A minimum of 45 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of 3.7 in all courses used to satisfy the requirements for the Digital Media Arts major.
3. A cumulative grade point average of 3.7 in all courses taken at CSU Dominguez Hills

Academic Advisement

Film & Television courses are offered in a specific sequence that requires prerequisite and co-requisite courses. Therefore, it is crucial that students contact the department advisor, Dr. George Vinovich at gvinovich@csudh.edu before enrolling in or planning a course schedule. Consulting with the appropriate advisor ensures that students complete their program in the most expedient and efficient manner possible. In this way, students do not waste time and energy by completing unnecessary courses and units. Department advisors also serve as career counselors and concerned mentors to help bridge the gap between the world of the university and the world of the working professional.

Preparation

Students interested in pursuing professional careers in the highly-competitive television and film industry should be aware that those who succeed in establishing a career in the industry are characteristically hard-working, disciplined, focused on a career, and most of all, resilient to persevere in the face of continuous rejection. Strong writing, interpersonal, and computer skills are a definite advantage in this field. Additionally, students familiar with computer software such as the Adobe Creative Suite will find these skills essential in the rapidly changing world of media production and delivery.

Recommended Lower Division Electives

There are no specific lower division courses recommended for this major; however, any experience with software programs such as Photoshop, Illustrator, After Effects, Premiere, Audition, or Avid would be helpful.

Student Organizations

Film & Television students can enhance their academic studies and involvement in the industry by joining the DMA Success Club on campus or by becoming student members of professional organizations such as the Society of Motion Picture and Television Engineers (SMPTE), the Media Communicators Association- international (MCA-i). Student membership in these professional associations allows students to network with industry executives and working professionals regarding internships and job opportunities in the field. The proximity of the campus to the center of the media and entertainment industry of Hollywood, Burbank, and Los Angeles allows students to attend major trade show conferences such as ShowBiz Expo, Post L.A., DV Expo, SMPTE, and NAB.

Career Possibilities

Graduates in Film & Television Production will find career opportunities in a wide range of entertainment, informational, and educational

venues. The broad focus of the curriculum prepares students for roles as producers, directors, writers, cinematographers, editors, camera operators, and motion graphics designers. With its emphasis on hands-on training and production project experience graduates of the program are qualified for a variety of career opportunities in commercial broadcasting at TV stations, networks, studios, and production houses; noncommercial television such as in-house corporate, government, educational, and institutional communications operations; public access and local origination cable television; and of course, free-lance production services as a video consultant.

Undergraduate Programs

Bachelor

- Film and Television Production, Bachelor of Arts (p. 559)

Faculty

George Vinovich, Department Chair

Professors: Mark Waldrep

Division Office: LCH E-303, (310) 243-3543

Film and Television Production, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (51-61 units)

Students must select one of the options listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|--|-------|
| Upper Division Required Courses | | |
| DMA 310 | Tools and Techniques in Digital Media Production | 3 |
| DMA 320 | TV Directing I | 3 |
| DMA 322 | TV Directing II | 3 |
| DMA 323 | TV Crew Production (two semesters) ¹ | 6 |
| DMA 324 | TV Titling and Animation | 3 |
| DMA 325 | EFP Videography | 3 |
| DMA 326 | TV Sound Design | 3 |
| DMA 327 | Independent TV Production | 3 |

| | | |
|--|--|-----|
| DMA 328 | DSLR Video Production | 3 |
| DMA 346 | Digital Media Prod Workshop (three semesters) ¹ | 3 |
| DMA 400 | Strategies for Digital Media Delivery | 3 |
| DMA 496 | Internship in the Media | 1-3 |
| Writing Requirement | | |
| DMA 300 | Digital Technology, Culture and the Arts | 3 |
| Capstone Experience | | |
| DMA 490 | Senior Seminar | 3 |
| DMA 499 | Senior Proj Digital Media | 2 |
| Electives | | |
| Select two courses from the following: | | 6 |
| DGN 340 | Web Design 1 | |
| DGN 330 | Motion Design 1 | |
| DGN 430 | Motion Design 2 | |
| DMA 495 | Special Topics in DMA | |
| PHT 300 | Digital Photography | |

Total Hours **51-53**

¹ Students are required to take two semesters of DMA 323 TV Crew Production and three semesters of DMA 346 Digital Media Prod Workshop.

Program Learning Outcomes

Students who have successfully completed a B.A. in Film & Television Production will be able to:

- Demonstrate application of the basic software and hardware tools used in digital media production.
- Produce a product that reflects professional level production value and standards relative to student producer time and budget constraints.
- Demonstrate ability to create and produce a capstone digital media product that meets the objective of its target audience.
- Demonstrate ability to work effectively and cooperatively with others as a co-producer on team projects.
- Perform in a manner that is consistent with the professional image and demeanor of the digital media industries.

Film & Television Production

4-Year Roadmap

| Course | Title | Hours |
|-------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Composition I | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 | Composition I | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | Quantitative Reasoning | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |

| Second Year | | |
|--|--|------------|
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| Elective Course to meet 120 | | 3 |
| Hours | | 13 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 12 |
| Third Year | | |
| Fall | | |
| DMA 300 | Digital Technology, Culture and the Arts | 3 |
| DMA 310 | Tools and Techniques in Digital Media Production | 3 |
| DMA 320 | TV Directing I | 3 |
| DMA 323 | TV Crew Production | 3 |
| DMA 328 | DSLR Video Production | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 18 |
| Spring | | |
| DMA 322 | TV Directing II | 3 |
| DMA 323 | TV Crew Production | 3 |
| DMA 324 | TV Titling and Animation | 3 |
| DMA 325 | EFP Videography | 3 |
| DMA 326 | TV Sound Design | 3 |
| DMA 346 | Digital Media Prod Workshop | 1 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| DMA 346 | Digital Media Prod Workshop | 1 |
| DMA 400 | Strategies for Digital Media Delivery | 3 |
| DMA 499 | Senior Proj Digital Media | 2 |
| DGN 330 | Motion Design 1 ¹ | 3 |
| or DGN 340 | or Web Design 1 | |
| or PHT 300 | or Digital Photography | |
| DGN 330 | Motion Design 1 | 3 |
| or DGN 340 | or Web Design 1 | |
| or PHT 300 | or Digital Photography | |
| GE Area C3 | | 3 |
| Hours | | 15 |
| Spring | | |
| DMA 327 | Independent TV Production | 3 |
| DMA 346 | Digital Media Prod Workshop | 1 |
| DMA 490 | Senior Seminar | 3 |
| DMA 496 | Internship in the Media | 3 |
| GE Area D3 | | 3 |
| GE Area B5 | | 3 |
| Hours | | 16 |
| Total Hours | | 120 |

¹ Elective

2-Year Roadmap

| First Year | | |
|-------------|--|---|
| Fall | | |
| DMA 300 | Digital Technology, Culture and the Arts | 3 |
| DMA 310 | Tools and Techniques in Digital Media Production | 3 |
| DMA 320 | TV Directing I | 3 |

| | | |
|------------------------|---------------------------------------|--------------|
| DMA 323 | TV Crew Production | 3 |
| DMA 328 | DSLR Video Production | 3 |
| GWAR-Certifying Course | | 3 |
| Hours | | 18 |
| Spring | | |
| DMA 322 | TV Directing II | 3 |
| DMA 323 | TV Crew Production | 3 |
| DMA 324 | TV Titling and Animation | 3 |
| DMA 325 | EFP Videography | 3 |
| DMA 326 | TV Sound Design | 3 |
| DMA 346 | Digital Media Prod Workshop | 1 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| DMA 346 | Digital Media Prod Workshop | 1 |
| DMA 400 | Strategies for Digital Media Delivery | 3 |
| DMA 499 | Senior Proj Digital Media | 2 |
| DGN 330 | Motion Design 1 ¹ | 3 |
| or DGN 340 | or Web Design 1 | |
| or PHT 300 | or Digital Photography | |
| DGN 330 | Motion Design 1 ¹ | 3 |
| or DGN 340 | or Web Design 1 | |
| or PHT 300 | or Digital Photography | |
| GE Area C3 | | 3 |
| Hours | | 15 |
| Spring | | |
| DMA 327 | Independent TV Production | 3 |
| DMA 346 | Digital Media Prod Workshop | 1 |
| DMA 490 | Senior Seminar | 3 |
| DMA 496 | Internship in the Media | 1-3 |
| GE Area D3 | | 3 |
| GE Area B5 | | 3 |
| Hours | | 14-16 |
| Total Hours | | 63-65 |

¹ Elective

Film, Television, and Media

College of Arts and Humanities
Department of Communications

Program Description

The mission of the Bachelor of Arts in Film, Television, and Media is to cultivate the diverse creative voices of CSU Dominguez Hills students by providing them with an understanding of the histories, forms, contexts, and existing structures of where and how media stories are told.

Students are prepared to contribute new and necessary stories with the potential to meaningfully represent their own communities and transform society. Upon completing the degree, students will understand the power of media stories and the impact they can have. They will have a deep understanding of what stories have been told and what is missing. They will be empowered with the skills to express their voice in places where stories can and need to be told.

Our innovative program integrates critical thinking and critical making. By approaching both traditional and emerging media as creative storytelling and grounding students in the knowledge of the history, politics, forms, and industry structures of media stories, students learn to adapt to a constantly changing media landscape and how they can positively impact society using their creative voices. Students take courses on

storytelling in and across media forms. In writing about media stories, students develop skills in analyzing and interpreting media stories.

Building on those skills, students will also learn how to tell new stories as well as identify potential audiences and venues for those stories.

Preparation

High school students are encouraged to take college preparatory English courses. Students planning to transfer from community college should consult with their counselor or advisor to identify appropriate transferable lower-division courses.

Graduation With Honors

Undergraduate students may be candidates for graduation with Honors in Film, Television, and Media provided they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 across all courses used to satisfy the upper division requirements in the major.

Career Opportunities

The Film, Television, and Media curriculum provides pathways for students interested in focusing their coursework toward work in the industry, attending graduate school, or both. The critical thinking and making skills that Film, Television, and Media students acquire from their coursework prepare them for a wide array of career opportunities in the entertainment industries.

Undergraduate Programs

Bachelor

- Film, Television, and Media, Bachelor of Arts (p. 565)

Faculty

Ryan Bowles Eagle, Film, Television and Media Coordinator
Virginia (Toddy) Eames, Sharon Sharp, John Vanderhoef
Department Office: LIB 5324, (310) 243-3313

All COM Courses are listed in this section. Please see the section on "Requirements" as well as your Smart Planner for courses specific to the Film, Television, and Media major

COM 100. Media & Society. (3 Units)

A critical overview of media culture including newspapers, magazines, film, radio, television, popular music, advertising, public relations, and the Internet. Focuses on building critical media literacy skills by developing a concrete understanding of media history, media analysis, the structure of media industries and their major players and products.

Offered Fall, Spring, All terms

COM 105. Introduction to Media Criticism. (3 Units)

Develops the analytical tools required for critical understanding of media culture. Investigates relationships between institutions, texts, audience practices and technologies in order to build a foundation for informed media engagement, criticism and analysis in the 21st century.

Offered Fall

COM 106. Digital Toolkit. (2 Units)

Co-requisite: COM 107 is required. Introduction to the foundational and emerging tools, platforms, and digital skills essential for students interested in pursuing careers in any communications or related field, including word processing, data management, presentational, media content creation, web publishing and design/editing software and programs.

Offered Fall, Spring

COM 107. Digital Toolkit Lab. (1 Units)

Co-requisite: COM 106 is required. Provides practice in the foundational and emerging tools, platforms, and digital skills essential for students interested in pursuing careers in any communications or related field, including word processing, data management, presentational, media content creation, web publishing, and design/editing software and programs.

Offered Fall, Spring

COM 110. Introduction to Digital Media Production. (2 Units)

Co-requisite: COM 111 is required. An introduction to the process of digital video production that provides basic skills in all areas of digital video production in preparation for a career in any communications or related field that might require these basic skills. Skill sets include camera, lighting, sound, pre-production and production methodologies, and basic digital processes.

Offered Fall, Spring

COM 111. Introduction to Digital Media Production Laboratory. (1 Units)

Co-requisite: COM 110 is required. Provides instruction on basic skills in all areas of digital video production. The lab provides hands-on training in the use of camera operations, lighting, sound recording, pre-production, production and post-production methodologies, and basic digital processes.

Offered Fall, Spring

COM 130. Introduction to Film. (3 Units)

An introduction to the study of film as an aesthetic, historical, and cultural phenomenon, and to various methods of critical analysis.

Offered Fall, Spring

COM 200. Genre Analysis. (3 Units)

Prerequisites: COM 100 or COM 105 is required. Critical study of a specific genre of media (horror, science fiction, western, or documentary for example). Examines genres in their cultural and historical context and critical analysis writing using appropriate concepts and terminology.

Offered All terms, Fall, Spring

COM 206. Photojournalism. (3 Units)

Instruction in the basic principles of still photography.

Offered Infrequent, All terms

COM 250. Writing for the Media. (3 Units)

Instruction and practice in the basics of reporting and writing news for print, electronic and digital media.

Offered Fall, Spring, Summer, All terms

COM 251. Newswriting in Spanish. (3 Units)

Prerequisites: SPA 220 and SPA 221; or SPA 280 are required. Instruction and practice of the basics of reporting in Spanish language for traditional and new media. Students will gain the ability to conduct research, find sources and produce news in Spanish.

Offered Fall, Spring, Summer

COM 301. News and Information Literacy. (3 Units)

Develop critical thinking and literacy skills through examination of news and other constructed messages. Emphasis on analyzing and evaluating information sources and their narratives, structures, origins, placement and availability.
Offered Fall, Spring

COM 302. Law Of The Mass Media. (3 Units)

Libel law, right to privacy, contempt of court, copyright, the right to print news of public affairs, the Freedom of Information Act, and other legal topics of concern to the media professional.
Offered Fall, Spring

COM 307. History of Film. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of film from the 1890s to the present. Covers a range of cinematic traditions from narrative to experimental. Examines the interrelationships between cinematic forms, industry, regulation, technology, aesthetics, and culture.
Offered Spring

COM 308. Television History. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of American television, from the 1940s to the present. Examines the interrelationships between programming forms, industry, regulation, technology, aesthetics, and culture.
Offered Fall

COM 309. History of Emerging Media. (3 Units)

Prerequisite: COM 100 or COM 105 is required. A critical survey of the history of new and emerging media forms from 1830s to the present. Examines a range of media technologies as sites of contestation and negotiation before their use by audiences had been institutionalized within industry and culture.
Offered Fall, Spring

COM 311. Persuasion. (3 Units)

Prerequisite: COM 100 is required. Provides students with an in-depth understanding of persuasion conceptions, theories, and practices. Students analyze findings and implications of persuasion research to real-world cases.
Offered Infrequent

COM 314. Broadcast Journalism. (2 Units)

Prerequisite: COM 250 is required. Co-requisite: COM 315 is required. Provide students with accurate news judgement and the fundamental journalistic techniques of news gathering, reporting, writing, editing, evaluating, and producing news and feature stories for radio and television news broadcasts.
Offered Fall

COM 315. Broadcast Journalism Lab. (1 Units)

Prerequisite: COM 250 is required. Co-requisite: COM 314 is required. Provide students with accurate news judgement and the fundamental journalistic techniques of news gathering, reporting, writing, editing, evaluating, and producing news and feature stories for radio and television news broadcasts.
Offered Fall

COM 320. Sports Journalism. (3 Units)

Prerequisite: COM 250 is required. Provides instruction and practice in reporting stories and producing multimedia news packages on a variety of sports topics including game coverage, interviewing, and reporting on both professional and amateur sports activities for print, broadcast, and online media.
Offered Fall

COM 328. Entertainment and Lifestyle Journalism. (3 Units)

Prerequisites: COM 250 is required. Theory and practices of journalistic writing about television, film, music, visual arts, travel destinations, dining and other cultural phenomena across media platforms.
Offered Spring

COM 330. Emerging Media Writing. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 106 are required. Course focuses on writing interactive stories for emerging media. Students develop skills in generating concepts, story structure, character development, incorporating interactivity and pitching. Students conduct both collaborative and individual projects and develop skills for peer critique of creative work.
Offered Spring

COM 331. Screenwriting I. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Serves as an introduction to the craft of screenwriting, with primary focus on equipping students with the skills to write scenes and short format screenplays and to analyze and evaluate feature films and screenplays.
Offered Fall, Spring

COM 332. Writing for Series Television. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Students break down the TV-writing process then apply each step to the development of their own original script. Students will learn the basic theory and formal aspects of story structure, character development, the use of conflict, scene writing and dialogue for television.
Offered Fall

COM 333. Digital Journalism. (2 Units)

Prerequisites: COM 110 and COM 250 are required. Co-requisites: COM 334 is required. Provides students with skills needed to gather news, analyze and produce a variety of stories for digital media across platforms and digital publishing tools, including social media, podcasts, blogs, videos, and websites, as well as to understand the nature of the emerging field of convergent journalism.
Offered Fall, Spring

COM 334. Digital Journalism Laboratory. (1 Units)

Prerequisites: COM 110 and COM 250 are required. Co-requisite: COM 333 is required. Provides skills needed to gather, analyze and produce a variety of stories for digital media, across platforms and digital publishing tools, including social media, podcasts, blogs, videos, and websites, and understand the emerging field of convergent journalism.
Offered Spring

COM 338. Cross-Cultural Journalism. (3 Units)

Prerequisite: COM 250 is required. Provides a broad, critical examination of differences in global news culture, policies and styles, including Spanish-language, alternative, ethnic-focused, and political-driven media, and other cultural print and broadcast organizations. Topics vary by semester.
Offered Fall, Spring

COM 339. Latinx culture and the news media in the USA. (3 Units)

This course offers an overview of contemporary Latinx news media in the U.S. For a deeper understanding of the topics reported in the LatinX new media, students will learn about the countries that comprise Latin America. This includes Latin American history and culture. The course will highlight current events in Latin America and how they connect with Latinx communities in the U.S.

COM 340. Emerging Media Making. (2 Units)

Prerequisites: COM 100 or COM 105; and COM 106/107 are required.
Co-requisite: COM 341 is required. Students utilize digital software to produce original new media projects, including memes, pixel art, music, interactive fiction and/or digital games. Students conduct both collaborative and individual projects and develop skills for peer critique of creative work.

Offered Infrequent

COM 341. Emerging Media Making Lab. (1 Units)

Prerequisites: COM 100 or COM 105; and COM 106/17 are required.
Corequisite: COM 340 is required. Lab activity works in conjunction with COM 340: Emerging Media Making to give students hands-on time with production software under instructor supervision.

Offered Infrequent

COM 342. Advertising Strategy and Copywriting. (3 Units)

Planning, creating and preparing demographically and psychologically targeted advertisements for print, electronic, interactive, and out-of-home media. Students will write copy for commercial and not-for-profit advertising campaigns. Restricted to majors

Offered Fall, Spring

COM 344. Advertising Media Analysis. (3 Units)

Analysis of the comparative advantages (cost and market impact) of various advertising media as a basis for time and space buying within the context of the creative advertising campaign with an emphasis on campaign planning and implementation.

Offered Fall, Spring

COM 346. News Gathering & Reporting. (3 Units)

Prerequisites: COM 250. Theory and practice of information gathering for print and electronic media writing, including the art of interviewing. Identification, assessing and verifying published, computerized data base and live sources. Special emphasis on interview problems such as invalid inference and supposition.

Offered Fall, Spring

COM 347. Multimedia Interviewing Practices. (3 Units)

Prerequisites: COM 100, COM 110 and COM 250 are required. An introduction to the fundamentals of gathering information through interview techniques, active listening, nonverbal communication, and psychological dynamics of interviewing in journalistic situations. Emphasis on accurate note taking, transcribing, and narrative structure from interviewing for print, online, and broadcast media.

Offered Fall, Spring

COM 348. News Editing And Design. (3 Units)

Prerequisites: COM 250. Principles, practice in copy editing, including review of grammar, spelling, punctuation, word use, organization, word flow, sentences, information verification, application of appropriate story forms; writing headlines, photo cropping and sizing, computer desktop page design and editorial judgment. One hour lecture, two hours activity per week.

Offered Infrequent

COM 350. Culture, Gender and Strategic Communication. (3 Units)

Prerequisite: COM 100 is required. Improve the understanding of cultural differences and assumptions regarding gender in the context of strategic communication. An overview of major communication theories, strategies, methods, and practices in advertising and public relations campaigns will be covered. Develop advertising skills and public relations messages based on cultural aspects in strategic communication.

Offered All terms, Fall, Spring

COM 352. Feature And Critical Writing. (3 Units)

Prerequisites: COM 250. Analysis and practice of preparing feature stories and critical reviews for newspapers, magazines, radio, television and video. Assignments include profiles, how-to pieces and news features. Critical reviews focus on theatre, film, music, fine arts and books. Two hours lecture, two hours activity per week.

Offered Fall, All terms

COM 355. News Production Workshop. (3 Units)

Prerequisites: COM 250 is required, COM 346 is recommended. Production of print and electronic forms of campus newspaper. Practices include original story selection, writing, reporting, interviewing, and editing. Repeatable course. Two hours lecture, three hours activity per week.

Offered Fall, Spring

COM 358. Communications Graphics. (3 Units)

Prerequisites: COM 250. Learning methods for producing various forms of visual communications including fliers, informational graphics and logos, newsletters, magazines and newspapers in correlation with desktop publishing, page design, typography selection, copy fitting photo sizing and cropping. Two hours lecture, two hours activity per week.

Offered Infrequent

COM 360. Pub Affairs & Edit. Writing. (3 Units)

Prerequisites: COM 250 and COM 346. Reporting, writing and editorial interpretation of public affairs events and issues, including on-site coverage of local governments, civic affairs, schools, police and courts. Utilization of public documents, enhancement of interviewing techniques, with emphasis on accuracy, clarity and social responsibility. Two hours lecture and two hours activity per week.

Offered Infrequent

COM 363. Social Media Strategies. (3 Units)

Prerequisites: COM 250 and COM 365 are required. Provides an overview of various social media techniques and the strategies to help organizations engage in dialogue and build relationships effectively with different audiences and stakeholders.

Offered Spring

COM 365. Introduction to Public Relations. (3 Units)

Public relations practices and principles as applied to government, education and industry.

Offered Fall, Spring

COM 366. Public Relations Writing. (2 Units)

Prerequisites: COM 250 and COM 365. Co-requisite: COM 367 is required. Public relations writing; message and audience analysis. Creating effective forms of public relations communications, producing print and video press releases, public service announcements, media fact sheets and alerts, executive letters, press kits and brochures and newsletter copy. Two hours lecture, two hours activity per week.

Offered Fall, Spring

COM 367. Public Relations Writing Lab. (1 Units)

Prerequisites: COM 250 and COM 365 are required. Co-requisite: COM 366 is required. Public Relations writing laboratory course that covers the creation of effective forms of public relations communications; the production of print and video press releases, public service announcements, media fact sheet ans alerts, executive letters, press kits and brochures, and newsletter copy.

Offered Fall, Spring

COM 368. Investigative Reporting. (3 Units)

Prerequisite: COM 250 is required. Prepares students to conduct in-depth reporting by examining the motivation, process, and skills behind investigative journalism, including obtaining and analyzing public records, private documents and data on social, political, and scientific issues for print, broadcast or online media.

Offered Fall

COM 370. Creative Producing I. (3 Units)

Prerequisites: COM 100 or 105, COM 379, and COM 330, COM 331 or COM 332 are required. Builds on students' understanding of storytelling and the industry to provide an introduction to script development and writing coverage. Students study the basics of packaging films for Hollywood and how to navigate the business of both studio production and independent film-making.

Offered Fall, Spring

COM 372. Crisis Communication. (3 Units)

Prerequisites: COM 250 and COM 365 are required. An introduction to crisis communication theory and application. The course will cover crisis communication theory, crisis management strategies and various case studies.

Offered All terms, Fall

COM 375. Media and Representation. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Critical study of US media representations of race, gender, class, sexuality, and other markers of difference. Considers the complex social, historical, and industrial forces shaping media portrayals of identities, groups, and cultures.

Offered Fall, Spring

COM 376. Transmedia Storytelling. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 379 are required. Provides an overview of the transmedia landscape and developing skills necessary for writing stories intended for use across multiple platforms. Topics include how stories are developed for cross media consumption from story ideation to production and distribution.

Offered Fall

COM 377. Global Media. (3 Units)

Prerequisites: COM 100 or COM 105; and COM 379 are required. Critical study of media outside of the US; may focus on a transnational, national, regional, or local media tradition or industry. Considers how global media relates to history, culture, and identity. Focuses on critical analysis writing using appropriate concepts and terminology.

Offered Spring

COM 378. Media Audiences. (3 Units)

Prerequisite: Prerequisites: COM 100 or COM 105 is required. Critical study of a specific media audience (comic book fans, social media users, telenova viewers, for example). Examines audiences in cultural and historical context, considering the range of ways in which audiences make meaning from and engage with media texts.

Offered Fall

COM 379. Media Industries. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Analyzes contemporary media industries offering a comprehensive overview of how the industries work, their historical roots in relation to how they operate today, and their cultural influence. Examines how the relationships between various cultural, industrial, regulatory, and economic elements set the conditions by which media industries create cultural texts.

Offered Fall, Spring

COM 388. Digital Magazine Production. (1 Units)

Prerequisites: COM 250, COM 347 and COM 352 are required. Co-requisite: COM 389 is required. This course is designed to build skills in advanced feature storytelling through the production of a digital magazine for distribution across digital platforms. From conception to production, feature story packages and will be developed with a strong focus on research, writing, editing, photography, creating videos and podcasts, and design.

Offered Spring

COM 389. Digital Magazine Production Laboratory. (2 Units)

Prerequisites: COM 250 and COM 352 are required. Co-requisite: COM 388 is required. This course is designed to build skills in advanced feature storytelling through the production of a digital magazine for distribution across digital platforms. From conception to production, feature story packages and will be developed with a strong focus on research, writing, editing, photography, creating videos and podcasts, and design.

Offered Spring

COM 390. Hollywood by the Horns. (3 Units)

Prerequisites: COM 100 or COM 105; and COM 379 are required. Workshop that contributes to the mission of the Hollywood by the Horns program: to build up and maintain the relationship between working professionals in Hollywood and the dynamic students of CSU Dominguez Hills. Requires department consent.

Offered Fall

COM 400. Media Analysis and Research Methods. (3 Units)

Prerequisites: COM 100 and COM 250. Critical analyses of the media and their role in society from an empirical research perspective. Emphasis on social science-based research methods including focus groups, in-depth interviews, correlational studies and experiments, and research report preparation.

Offered Fall, Spring

COM 420. Screenwriting II. (3 Units)

Prerequisite: COM 100 or COM 105; and COM 331 are required. Advancing the process of screenwriting, students develop original work culminating in the completion of the first act of a feature length screenplay. Final projects can be developed into a senior project for COM 490.

Offered Infrequent

COM 435. Media Psychology. (3 Units)

Prerequisite: COM 100 is required. Course is designed to acquaint students with the burgeoning field of media psychology, which examines the intersection of media use/media content and psychological processes. In this course, students will learn how mass media messages, images, and texts can alter our thoughts, feelings, and behaviors, and how media and technology use may lead to or exacerbate psychological disorders.

Offered Spring

COM 467. Integrated Communications Management. (3 Units)

Prerequisites: COM 250, COM 365 and COM 366 are required. Analysis and development of strategies for planning/implementing integrated communications campaigns and preventing/solving integrated communications problems. Emphasis is placed on both individual and team case studies, incorporating strategic planning and writing techniques previously learned.

Offered Fall, Spring

COM 470. Creative Producing II. (3 Units)

Prerequisites: COM 100 or COM 105, COM 370, and COM 330, COM 331, or COM 332 are required. Develops students' knowledge of producing scripted entertainment from development through distribution. Students will complete advanced work in screenplay development and the multiple pathways to producing.
Offered Infrequent

COM 490. Senior Project. (3 Units)

Prerequisite: Consent of department; senior standing. Discussion and preparation of senior project and professional portfolio.
Offered Fall, Spring

COM 494. Independent Study. (1-3 Units)

Independent study in any relevant subject area under the direction of a member of the Communications Department faculty. Course repeatable 3 times for a maximum of 9 units.
Offered Fall, Spring

COM 495. Special Topics. (3 Units)

Prerequisite: COM 100 or COM 105 is required. Restricted to seniors or by consent of department. An intensive study of an issue or concept in journalism, advertising, public relations, film, television or emerging media that is of special interest to both the faculty member and the students. Repeatable for credit
Offered As needed

COM 496. Internship In Communications. (3 Units)

Prerequisites: Senior standing and/or approval of the department is required; completion of a minimum of 27 upper division units in the major is recommended. Directed work experience in the communications field-print or electronic journalism, public relations or advertising, film, broadcasting, or telecommunications. Ideally, such work provides a practical bridge linking the student's academic studies with the world of work. A minimum of 10 hours a week of supervised work experience under the direction of a professionally-qualified mentor.
Offered Fall, Spring

Film, Television, and Media, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (48 units)

The following courses, or their approved equivalents, are required of all candidates for this degree. The academic standards of the department

require that all Film, Television and Media majors pass all required and prerequisite courses with grades of "C" or better.

| Code | Title | Hours |
|--|--|-----------|
| Lower Division Required Courses (15 units) | | |
| COM 100 or COM 105 | Media & Society Introduction to Media Criticism | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 130 | Introduction to Film | 3 |
| COM 200 | Genre Analysis | 3 |
| Upper Division Courses (33 units) | | |
| Required Courses (9 units) | | |
| COM 370 | Creative Producing I | 3 |
| COM 375 | Media and Representation | 3 |
| COM 379 | Media Industries | 3 |
| Select two of the following History Courses (6 units): | | 6 |
| COM 307 | History of Film ¹ | |
| COM 308 | Television History ¹ | |
| COM 309 | History of Emerging Media ¹ | |
| Writing Requirement | | |
| Select one of the following (3 units): | | 3 |
| COM 330 | Emerging Media Writing ¹ | |
| COM 331 | Screenwriting I ¹ | |
| COM 332 | Writing for Series Television ¹ | |
| Capstone Experience (3 units) | | |
| COM 490 | Senior Project | 3 |
| Electives | | |
| Select four 3-unit upper division electives (12 units) | | 12 |
| COM 340 | Emerging Media Making | |
| COM 341 | Emerging Media Making Lab | |
| COM 376 | Transmedia Storytelling | |
| COM 377 | Global Media | |
| COM 378 | Media Audiences | |
| COM 390 | Hollywood by the Horns | |
| COM 420 | Screenwriting II | |
| COM 470 | Creative Producing II | |
| COM 494 | Independent Study | |
| COM 495 | Special Topics: ² | |
| COM 496 | Internship In Communications ² | |
| Total Hours | | 48 |

¹ Cannot double count for elective.

² May be repeated twice for credit.

Program Learning Outcomes

Upon the completion of the B.A. in Film, Television, and Media program, a degree recipient will be able to:

- Demonstrate media literacy via the ability to critically analyze the cultural significance and social role of media, making substantive connections between media production, content, and audiences.
- Demonstrate the ability to communicate clearly and in a critically informed manner in a variety of analytical and/or creative contexts.
- Demonstrate the ability to locate, evaluate and effectively use information in pursuit of creative and/or scholarly projects.
- Demonstrate an understanding of key theories, concepts, methods and practices from the academic and/or practical fields of screen media.
- Demonstrate an understanding of the complex forces shaping media portrayals of identities and cultures through critical analysis and/or creative expression that reflect students' communities and experiences.

Film, Television, and Media 4-Year Roadmap

| First Year | | Hours |
|--|--|-----------|
| Fall | | |
| GE Area A1 | | 3 |
| COM 130 | Introduction to Film (satisfies GE Area C1) | 3 |
| GE Area D1 or D2 | | 3 |
| GE Area F | | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| GE Area C2 | | 3 |
| COM 105 | Introduction to Media Criticism | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area D1 or D2 | | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| Elective Course | | 1 |
| Elective Course | | 1 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 | | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 200 | Genre Analysis | 3 |
| Additional LD Course from GE Area C1 or C2 | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| GE Area C3 | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| COM 375 | Media and Representation | 3 |
| COM 379 | Media Industries | 3 |

| | | |
|-------------------------------------|--|------------|
| COM 330 or COM 331 or COM 332 | Emerging Media Writing or Screenwriting I or Writing for Series Television | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 or D3 | | 3 |
| COM 307 or COM 308 or COM 309 | History of Film or Television History or History of Emerging Media | 3 |
| COM 370 | Creative Producing I | 3 |
| FTVM Elective Course ¹ | | 3 |
| FTVM Elective Course ¹ | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| UD GE Area B5 or D3 | | 3 |
| COM 307 or COM 308 or COM 309 | History of Film or Television History or History of Emerging Media | 3 |
| FTVM Elective Course ¹ | | 3 |
| FTVM Elective Course ¹ | | 3 |
| UD Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| COM 490 | Senior Project | 3 |
| UD Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

¹ COM 340/341, COM 376, COM 377, COM 378, COM 390, COM 420, COM 470, COM 494, COM 495, COM 496 (once writing and history course requirements are met, an additional history course or additional writing courses may be taken for elective credit).

2-YEAR (TRANSFER) ROADMAP

| First Year | | Hours |
|-------------------------------------|--|-----------|
| Fall | | |
| COM 130 | Introduction to Film | 3 |
| COM 100 or COM 105 | Media & Society or Introduction to Media Criticism | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area C3 | | 3 |
| COM 200 | Genre Analysis | 3 |
| COM 330 or COM 331 or COM 332 | Emerging Media Writing or Screenwriting I or Writing for Series Television | 3 |
| COM 375 | Media and Representation | 3 |
| COM 379 | Media Industries | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| UD GE Area B5 or D3 | | 3 |

| | | |
|-------------------------------------|--|-----------|
| COM 307 or COM 308 or COM 309 | History of Film or Television History or History of Emerging Media | 3 |
| COM 370 | Creative Producing I | 3 |
| FTVM Elective ¹ | | 3 |
| FTVM Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| UD GE Area B5 or D3 | | 3 |
| COM 307 or COM 308 or COM 309 | History of Film or Television History or History of Emerging Media | 3 |
| COM 490 | Senior Project | 3 |
| FTVM Elective ¹ | | 3 |
| FTVM Elective ¹ | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ COM 340/341, COM 376, COM 377, COM 378, COM 390, COM 420, COM 470, COM 494, COM 495, COM 496 (once writing and history course requirements are met, an additional history course or additional writing courses may be taken for elective credit).

Geography

College Natural and Behavioral Sciences
Department of Earth Science and Geography

Program Description

The Geography program is one of two programs housed in the Department of Earth Science and Geography. Geography studies the spatial distribution of features across Earth's landscape, such as the location of landforms, water bodies, and the organization of climate zones. It also considers the human landscape, including how populations are distributed, why they migrate, and the ways they alter natural and urban environments. As a tool to advance these spatial analyses, the Geography program teaches the use of both traditional and computer-based geotechnical skills (geotechniques) such as cartography, remote sensing, and geographic information systems (GIS).

Geography at CSUDH emphasizes "hands-on" learning, and many courses feature field trips. The expertise and international focus of the faculty provide opportunities for engaged students to participate in diverse research projects ranging from treeline studies in alpine environments, GIS mapping of California river systems, or studying the effects of water scarcity or environmental pollution through the lenses of sustainability and environmental justice.

Features

The Earth Science and Geography Department has a map library containing several thousand map sheets. The department also has two dedicated computer laboratories, the Earth Sciences Spatial Analysis Laboratory (ESSAL) which acts as a center for remote sensing and GIS-based research projects, and a teaching laboratory which provides computer-based teaching with an emphasis on geotechniques. These labs provide sophisticated image processing and spatial analysis software as well as libraries of satellite imagery and spatial databases. Additional equipment includes Global Positioning System (GPS) receivers and advanced instruments for field data collection.

The faculty have expertise in plate tectonics, historical geology and field geology; hydrology, atmospheric science, air quality, climate change, and landscape change; geographic information systems, remote sensing, and sensor networks, plus urban planning, environmental planning, and environmental science. The broad expertise of the faculty provides an unusual opportunity for motivated undergraduate students to work closely with their professors and gain "hands-on" experience within domestic and international research projects.

Academic Advisement

Majors should consult with their advisor prior to registration each semester. Records of students' progress toward the degree are accessible online through MyCSUDH. Students should check their progress regularly.

Preparation

For high school students, the best preparation for the Geography major is a well-rounded program of high school courses in humanities, science, mathematics, and written and oral communication. Community college transfer students should have completed introductory physical geography and a human/cultural geography course. Introductory courses in the physical, biological and social sciences are recommended.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Geography provided they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Possibilities

Many societal problems have geographic dimensions and training in Geography provides essential skills for solving them. Geographic skills such as GIS, the analysis of remotely-sensed imagery, and other geotechniques are in high demand from governments, non-governmental organizations, and private industry alike at the local, regional, national, and international levels. Career opportunities include environmental consulting, planning and zoning; urban and regional planning; natural resource management and conservation; energy; air and water quality management; secondary school (middle and high school) teaching, and a wide array of social service firms and agencies. The geographic toolkit has many applications.

Geography is an appropriate major for a teaching career at a secondary school (middle or high school), as part of an approved "Subject Matter Preparation Program" in Social Science. Completion of such a program is the first step toward meeting California state requirements for a teaching credential. Interested students should consult with an appropriate advisor for current information as program requirements for the "Subject Matter Preparation Program" in Social Science change regularly.

Undergraduate Programs

Bachelor

- Geography, Bachelor of Arts (p. 569)

Minor

- Geography, Minor (p. 570)

Certificate

- Geotechniques, Certificate (p. 571)

Faculty

John Keyantash, Department Chair
Parveen Chhetri, Brendan McNulty, Ashish Sinha

Instructional Support Tech Office: LIB 1114, (310) 243-3368

Department Office: NSM B-202, (310) 243-3377

Emeriti Faculty

Rodrick Hay, Ralph Saunders, David Sigurdson, Jamie Webb

Courses

GEO 100. Human Geography. (3 Units)

Cultural, physical, and biological earth systems. Emphasizes human geography and adaptation to physical habitats.
Offered Fall, Spring, All terms

GEO 200. Physical Geography. (3 Units)

Classical natural systems, including earth-sun relationships, atmospheric flows, terrestrial biogeography, landforms, and processes of change; introduction to modern monitoring methods using maps, satellite reconnaissance, and geographic information systems.
Offered Fall, Spring

GEO 305. Cartography. (3 Units)

Principles, techniques, design and production of maps and graphs for data presentation. One hour of lecture and six hours of lab per week.
Offered Spring even

GEO 310. Geomorphology. (3 Units)

Prerequisite: EAR 100 or GEO 200 is required. Study of landforms created by geologic, volcanic, weathering, fluvial, karst, coastal and other processes acting on the land surface and ocean floor.
Offered Fall odd

GEO 315. The Weather. (3 Units)

Structure of the atmosphere, planetary circulations, and storms of all latitudes. Types of clouds, radiation, humidity, precipitation, and optical phenomena. El Niño-Southern Oscillation and global teleconnections. Two hours of lecture and three hours of laboratory per week.
Offered Fall odd

GEO 318. Cultural Pluralism The Human Environment: Methods of Knowledge and Truth. (3 Units)

Prerequisites: Completion of Lower Division General Education. Analysis of cultural diversity and the process of cultural interaction, inter-ethnic relations and social integration on the community, national and international levels with emphasis on people's knowledge of the natural world.
Offered Fall, Spring

GEO 336. Land Use. (3 Units)

Sequential, compatible, and conflicting land uses. Zoning and regulation. Impacts of public and private uses. Social and economic benefits from alternative land use.
Offered Infrequent

GEO 350. World Geography. (3 Units)

Study of the world's regions: population distribution, landforms and natural resources, urban and non-urban relationships, connections of trade and transportation, plus selected case studies involving water resources, boundaries and environmental impacts.
Offered Fall, Spring

GEO 357. Urban Environmental Geography. (3 Units)

A survey of key environmental issues affecting Los Angeles and other cities with special emphasis on environmental policy and local ordinances designed to mitigate urban environmental issues including air pollution, water resources, park and waste management.
Offered Fall even

GEO 359. Geography Of California. (3 Units)

The physical, cultural and regional geography of California. The land and its modifications. Spatial distribution of resources. Population, migration and urbanization. Problems and prospects.
Offered Infrequent

GEO 360. North America. (3 Units)

Physical, regional and cultural geography of the United States, Canada and Mexico. Emphasizes human-environment interaction, contemporary patterns of population distribution, resource exploitation, transportation, and agricultural and industrial production.
Offered Infrequent

GEO 370. Numerical Methods in Geography. (3 Units)

Prerequisites: CSC 101 and MAT 009 (or equivalents). Principles of data reduction and analysis in the natural sciences. Practical techniques to understand spatial data sets using computer software. Topics include matrices, summary statistics, distributions, transformations, hypothesis testing, contouring, regression and curve-fitting.
Offered Spring odd

GEO 380. Biogeography. (3 Units)

The distribution of plant and animal species with emphasis on native plant and animal populations in Southern California and recent changes to the region's flora and fauna.
Offered Fall odd

GEO 405. Advanced Cartography. (3 Units)

Prerequisite: GEO 305 or equivalent is recommended. Planning and preparing maps, graphics, photographs, and models. One hour of lecture and six hours of lab per week.
Offered Spring even

GEO 408. Remote Sensing and Image Processing. (3 Units)

Interpretation of physical and cultural features, resources, environmental factors from photographic and specific sensor imagery. One hour of lecture and six hours of activity per week.
Offered Spring odd

GEO 412. Rivers and Streams. (3 Units)

Geographic inventory of global, state and national water resources. Drainage networks, streamflow measurements and flooding. Waterfalls, rapids, river conservation and dam case studies. Features field trip.
Offered Spring even

GEO 415. Geographic Information Systems. (3 Units)

Prerequisites: Basic computer knowledge, CSC 101 or equivalent. Techniques of data acquisition, processing, analysis and display as pertain to geographic information systems. Includes practical applications based on various forms of geographically referenced data. One hour of lecture and six hours of laboratory per week.
Offered Fall

GEO 416. Earth's Climates. (3 Units)

Prerequisite: GEO 200 is required. Characteristics and classifications for Earth's climates, with emphasis on the physical geographic reasons for their distribution patterns, as well as the biomes associated with each climate zone. The influence of climate zones on agriculture, diet, dress, and lifestyle. Physical and biological proxies for climate data, and historical and current trends in global climate.

Offered Spring odd

GEO 420. Natural Resources. (3 Units)

Atmospheric, hydrologic, ecologic and geologic principles; economic and environmental considerations in air, water, soil, food, timber, wildlife, nonmetallic and metallic resources.

Offered Fall even

GEO 433. Environmental Analysis and Planning. (3 Units)

Federal and State requirements, required inputs, presentation formats, procedures for review and acceptance of environmental reports. Methods of assessing air quality, noise, water pollution and traffic problems.

Offered Spring even, All terms

GEO 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. Independent study of a particular geographic or environmental problem under the supervision of a Geography faculty member

Offered Fall, Spring

GEO 495. Special Topics In Geography. (3 Units)

Selected topics in Geography with course content to be determined by instructor. Repeatable course.

Offered As needed

GEO 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. Research of a particular geographic or environmental problem under the direction of a Geography faculty member. CR/NC grading.

Offered Fall, Spring

Geography, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Students completing this major will need to complete a minor in another field.

Major Requirements (34 units)

The following courses (or for lower division courses, their approved transfer equivalents) are required for all candidates for this degree:

| Code | Title | Hours |
|--|--|-----------|
| Lower Division Required Courses | | |
| GEO 100 | Human Geography | 3 |
| GEO 200 | Physical Geography | 3 |
| Upper Division Required Courses | | |
| GEO 310 | Geomorphology | 3 |
| GEO 357 | Urban Environmental Geography | 3 |
| GEO 370 | Numerical Methods in Geography | 3 |
| GEO 415 | Geographic Information Systems | 3 |
| EAR 490 | Sr Sem In Earth Sciences | 1 |
| Elective Courses | | |
| Select at least five courses from the following: | | 15 |
| GEO 305 | Cartography | |
| GEO 315 | The Weather | |
| GEO 318 | Cultural Pluralism The Human Environment: Methods of Knowledge and Truth | |
| GEO 350 | World Geography | |
| GEO 360 | North America | |
| GEO 380 | Biogeography | |
| GEO 408 | Remote Sensing and Image Processing | |
| GEO 412 | Rivers and Streams | |
| GEO 416 | Earth's Climates | |
| GEO 420 | Natural Resources | |
| GEO 433 | Environmental Analysis | |
| GEO 495 | Special Topics In Geography | |
| EAR 376 | Field Mapping | |
| EAR 460 | Global Change | |
| Total Hours | | 34 |

Program Learning Outcomes

- **Geographic Literacy:** Students will apply their knowledge of the world's geography by interpreting topographic and thematic maps. They will demonstrate their ability to think geographically by analyzing geographic problems at a variety of scales.
- **Environmental Processes:** Students will demonstrate their understanding of the utilization and distribution of key natural resources. This will include fundamental transport processes such as the hydrologic cycle, the rock cycle, and circulations through the world ocean and global atmosphere and their relationship to contemporary environmental issues.
- **Geotechniques:** Students will demonstrate their understanding of geotechniques such as GIS, remote sensing, spatial statistics, and field maps. Students will apply spatial statistics and other forms of numerical analysis to interrogate existing and original geographical data sets.
- **Field Experience:** Students will apply field research techniques toward the completion of field mapping and other data collection exercises.
- **Written and Oral Communication:** Students will demonstrate their ability to describe research and to summarize research results in essays, written reports and oral presentations.

- **Group Activities:** Students will be able to work together in small groups to collect and analyze classroom/field data and they will demonstrate their ability to collaborate with other students to deliver research presentations.
- **Professional Preparation:** Students will hone research skills and work on research projects which reflect their command of the subject matter and its relevance to contemporary environmental issues, as well their command of geotechniques and their application. The research projects prepare students for graduate school and/or the workforce, and can be used as examples of the kinds of knowledge and expertise that they could bring to prospective employers.

4- Year Degree Roadmap

| First Year | | Hours |
|--|--|-----------|
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C Arts and Humanities | | 3 |
| GEO 100 Human Geography | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| THE 120 Fundamentals of Speech | | 3 |
| GEO 200 Physical Geography | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C | | 3 |
| GE Area D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B2 Life Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| HIS 101 History Of United States | | 3 |
| Minor Requirement | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Spring | | |
| POL 101 American Institutions | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Minor Requirement | | 3 |
| Minor Requirement | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| GEO 310 Geomorphology | | 3 |
| GEO 415 Geographic Information Systems | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| Major Elective | | 3 |
| Major Elective | | 3 |
| GE Area C3 or D3 | | 3 |
| Minor Elective | | 3 |
| Minor Elective | | 3 |
| Hours | | 15 |

| Fourth Year | | |
|--|--|------------|
| Fall | | |
| GEO 357 Urban Environmental Geography | | 3 |
| GE Area C3 or D3 | | 3 |
| Major Elective | | 3 |
| Minor Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| GEO 370 Numerical Methods in Geography | | 3 |
| EAR 490 Sr Sem In Earth Sciences | | 1 |
| Major Elective | | 3 |
| Minor Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 121 |

2-Year Roadmap (transfer students)

| First Year | | |
|--|--|-----------|
| Fall | | |
| GEO 310 Geomorphology | | 3 |
| GEO 415 Geographic Information Systems | | 3 |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| Major Elective | | 3 |
| Major Elective | | 3 |
| GE Area C3 or D3 | | 3 |
| Minor Requirement | | 3 |
| Elective to meet 120 units (or minor elective if req.) | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GEO 357 Urban Environmental Geography | | 3 |
| Major Elective | | 3 |
| Minor Requirement | | 3 |
| GE Area C3 or D3 | | 3 |
| Elective to meet 120 units (or minor elective if req.) | | 3 |
| Hours | | 15 |
| Spring | | |
| GEO 370 Numerical Methods in Geography | | 3 |
| EAR 490 Sr Sem In Earth Sciences | | 1 |
| Major Elective | | 3 |
| Minor Requirement | | 3 |
| Elective to meet 120 units (or minor elective if req.) | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 61 |

Geography, Minor Requirements

To meet this requirement, the student must complete the lower division courses listed below. Where appropriate, these courses may also be used to meet General Education requirements.

| Code | Title | Hours |
|---|--------------------|-----------|
| Lower Division Required Courses | | |
| GEO 100 | Human Geography | 3 |
| GEO 200 | Physical Geography | 3 |
| Upper Division Required Courses | | |
| Select 12 units of upper division Geography courses | | 12 |
| Total Hours | | 18 |

Geotechniques, Certificate

The Geotechniques certificate is designed to prepare students for public and private sector employment involving the collection, input, processing, and analysis of spatial databases for research and management purposes. To qualify for the certificate, candidates must demonstrate their competence in the use of remote sensing and geographic information systems technologies and their application to problem solving. Students majoring or minoring in Geography may complete the certificate requirements by taking the appropriate courses as part of their regular programs.

The Geotechniques certificate is designed to prepare students for public and private sector employment involving the collection, input, processing, and analysis of spatial databases for research and management purposes. To qualify for the certificate, candidates must demonstrate their competence in the use of remote sensing and geographic information systems technologies and their application to problem solving. Students majoring or minoring in Geography may complete the certificate requirements by taking the appropriate courses as part of their regular programs.

Requirements

| Code | Title | Hours |
|-------------------------------------|-------------------------------------|-----------|
| Select 12 units from the following: | | 12 |
| EAR 376 | Field Mapping | |
| GEO 305 | Cartography | |
| GEO 370 | Numerical Methods in Geography | |
| GEO 408 | Remote Sensing and Image Processing | |
| GEO 415 | Geographic Information Systems | |
| GEO 495 | Special Topics In Geography | |
| Total Hours | | 12 |

Graduate Education

College of Education
Division of Graduate Education

Program Description

Graduate Education Programs are designed to provide knowledge and understanding of the basic foundations and theories of education, as well as advanced training in specific fields. The curriculum blends theory and practice to prepare students for advancement within their chosen field in education, public service or private industry.

The comprehensive program at CSU Dominguez Hills includes a Master of Arts degree, a Master of Science degree, Credential Programs and a Certificate program. In two instances, master's programs and credential programs may be combined.

Features

The Graduate Education curriculum is designed to meet the needs of full-time working professionals by offering a full program of courses in the late afternoon and evening. Courses are offered so that degree requirements may be completed over a period of one to four years, depending on the program. All students receive advising to plan their programs that meet individual student needs. The urban location of the University provides a unique opportunity for working with a diverse cultural and ethnic population in classes and in field experiences.

Academic Advisement

Students work with advisors when they are admitted to the Division of Graduate Education for a specific program (master's degree, credential, or certificate). Students who are uncertain about which program best meets their professional goals may meet with the department chairperson to discuss the range of options available.

Students must confer with their advisors each semester prior to registration to ensure that they are taking the appropriate course work in the proper sequence.

Requirements for Admission to the Graduate Programs in Education

Admission as a classified graduate student in education requires:

- Admission to the University.
- A baccalaureate degree from a regionally accredited college or university.
- School Leadership Program (SLP): A minimum of a 3.0-grade point average for the last 60 units of upper-division course work attempted, or a Miller's Analogies Test (MAT) score of 400 or above in lieu of the 3.0 GPA.
- Counseling and the Graduate Certificate Program in Higher Education Administration and Leadership (HEAL): A cumulative GPA of 3.0.
- Counseling, HEAL and SLP: A separate program application for the desired Graduate Education program. Must include a copy of all transcripts to the College of Education Student Services Center. Students can find the applications at: <https://www.csudh.edu/coe/forms/>.
- Counseling, HEAL and SLP: Three letters of recommendation from individuals who can evaluate the applicant's potential for graduate study. Exception: School Leadership Program Option requires two letters of recommendation, one from the applicant's site supervisor, or principal, or designee.
- The Counseling, School Leadership Program and Higher Education Administration and Leadership Graduate Certificate Programs require a typed Statement of Purpose as part of the application.

Admission Procedures

The application deadline for the School Leadership Program is June 1st. Dates are subject to change.

All prospective graduate students, including CSU Dominguez Hills graduates, must do the following:

1. Apply for graduate admission to the university through Cal State Apply.
2. Submit two sets of official transcripts from all colleges and universities attended other than CSU Dominguez Hills to the CSU Dominguez Hills Admissions Office.
3. Must complete a separate program application for the desired Graduate Education program. Must include a copy of all transcripts to the College of Education Student Services Center. Students can find the applications at: <https://www.csudh.edu/coe/forms/>. Upon completion of university and program admission requirements, a decision regarding admission will be made.

Classified Standing

Students who satisfy all the requirements of program admission will be admitted with Classified Standing. Students accepted with Conditional Standing will have a semester to meet the conditions for Classified Standing. Upon completion of specified conditions, students must request that a Postbaccalaureate/Graduate Change of Objective form be filed by their advisor on their behalf.

Degree Requirements

The Master of Arts Degree in Education requires completion of 30 units or more of course work with a minimum 3.0 grade point average. A minimum of 21 semester units must be completed in residence. Courses taken previously may be used to meet the course content requirements of a graduate program if they have been completed within the seven years immediately preceding the completion of the requirements for the degree or credential. However, no courses may apply toward the required number of units of approved graduate work that have been used to meet the requirements of another degree.

Students may take up to seven years to complete the course work, including exams. Course work that does not meet the seven-year deadline will have to be repeated and/or replaced by other courses with the approval of the program advisor.

A Graduation Writing Assessment Requirement must be met by all students prior to classified standing. This requirement can be met on the CSU Dominguez Hills campus by obtaining one of the following:

- A baccalaureate degree from an accredited college or university in the United States.
- A baccalaureate degree from an accredited non-US institution where English is the primary language of instruction.
- Graduate students who earned a 4 or above on the analytical writing component of the Graduate Record Examinations (GRE) or the Graduate Management Admission Test (GMAT).
- Students from a baccalaureate program offered in non-English speaking university settings can qualify to enter a graduate program by meeting one of the following options: take the Test of English
- Has a Foreign Language (TOEFL) and achieves a score of: 550 (paper-based); 80 (internet-based); 213 (computer-based); or achieves an International English Language Testing System (IETLS) score of 6.5.

In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult

the section of the catalog entitled "Requirements for the Master's Degree (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>) (<https://catalog.csudh.edu/general-information/graduate-degree-> (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>) (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>))."

Completion of Degree

1. Complete an approved program of 30 units or more of course work and meet specific GPA requirements.
2. Pass a comprehensive written examination. After completion of all course work or during the last semester of course work, the M.A. degree candidate may apply to take the comprehensive examination. There is only one retake opportunity.

Graduate Programs

Master

No results were found.

Credential

- Administrative Services Credential (p. 573)

Certificate

- Higher Education Administration and Leadership (HEAL), Graduate Certificate (p. 575)

Faculty

Gary Rhodes, Department Chair

Rene Castro, Yesenia Fernandez, Kitty Fortner, Leena Furtado, Jeremy Hart, Julie Jhun, Margarita Landeros, Adrieann Mancillas,

Department Office: COE 1446, (310) 243-3524

Emeriti Faculty

Charmayne Bohman, Edith Buchanan, Muriel P. Carrison, James L. Cooper, Peter Desberg, Farah Fisher, Jitsu Furusawa, Marjorie Holden, Antonia Issa-Lahera, Judith Jackson, Rita Lee, Suzanne Medina, Anthony Normore, Sean R. Morgan, Terry Richardson, Pamela Robinson, Karlton Skindrud, Judson H. Taylor, George Walker

Courses

GED 500. Research Methods in Education. (3 Units)

Examination of assumptions and techniques of educational research. Review of pertinent research studies emphasizing their applicability to educational problems. Statistical concepts, research methodology and computer applications are included.
Offered Fall, Spring

GED 501. Seminar in Learning and Development. (3 Units)

Theory, research and practice related to learning and development. Emphasis on biological and psychological factors in individual differences. Includes study of affective and cognitive development. Three hours of seminar per week.
Offered Fall, Spring

GED 503. Socio-Cultural Issues in Education. (3 Units)

Examines the total process of socialization and the effects of cultural determinants on human development and learning. Considers the school as an agent of socialization. Change agent role of school personnel is explored.

Offered Fall, Spring

GED 512. Values And Teaching. (3 Units)

Exploration of philosophical literature as it relates to values in education. Development of values from early childhood to adolescence. Exploration of personal values. Methods and procedures for teaching values in the classroom.

Offered Infrequent

GED 548. Effective College Teaching. (3 Units)

Study of research, theory, and practices associated with teaching and learning processes within the community college system. Topics include course planning and organization, student diversity, teaching and student retention, and instructional technology. Required Text: Tools for Teaching

Offered Infrequent

GED 549. The Community College. (2 Units)

An overview of the history, mission and function of the community college. Topics include this history of higher education, the role of the community college, student characteristics, curriculum, finance, governance, articulations and the California Master Plan. Required Text: The American Community College

Offered Infrequent

GED 550. Leadership in Higher Education. (3 Units)

Corequisite: GED 551 is recommended. Focuses on leadership theory, models, practices, governance, and management processes, leadership perspectives and theory applicable to higher education; addresses the complex social and political landscape and current and future trends of higher education.

Offered Fall

GED 551. Legal Issues in Higher Education. (3 Units)

Co-requisite: GED 550 is recommended. Addresses laws, policies, and legal issues pertaining to teaching, learning, and administrative environments in higher education and discusses ethical and legal principles applicable to their resolution; considers the policy issues which impact the application of law in higher education.

Offered All terms, Fall

GED 552. Higher Education Finance. (3 Units)

Prerequisites: GED 550 and GED 551 are recommended. Co-requisite: GED 553 is recommended. Examines current financial, economic, regulatory, and budget issues within higher education. Primary political, regulatory, economic and social influences on higher education, as well as revenue/expenditure streams, financial planning, analysis, and management are explored at national, state, and institutional levels.

Offered All terms, Spring

GED 553. Diversity and Inclusion in Higher Education. (3 Units)

Prerequisites: GED 550 and GED 551 are recommended. Corequisite: GED 552 is recommended. Explores issues of diversity, inclusion, equity, and social justice in higher education; focuses on theory, major concepts, and best practices as they inform policy, practice and leadership within higher education.

Offered All terms, Spring

GED 592. Education Coursework Synthesis. (3 Units)

Designed to assist the graduate student completing the M.A. in education to integrate previous course work and to research new material in preparation for the master's exam. For all options. May not be used as credit toward the M.A. CR/NC grading. Three hours of seminar per week. Offered Infrequent

GED 594. Independent Study. (1-3 Units)

Independent study undertaken under the supervision of a faculty member. Repeatable course.

Offered Fall, Spring

GED 595. Special Top.: (1-3 Units)

Topics vary by section and semester. See class schedule for title and prerequisites. Repeatable course. Three hours of seminar per week. Offered Infrequent

GED 599. Thesis. (1-6 Units)

Prerequisite: Consent of Advisor. The student will execute an individually planned research effort or a creative project. Students work under individual supervision with assigned faculty. May be repeated up to six units.

Offered Infrequent

GED 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring, Summer

Administrative Services Credential

The School Leadership Program at CSU Dominguez Hills provides the two CTC-required pathways for Administrative Services Credentials in California. These pathways prepare educators for leadership positions in elementary and secondary schools, and certain district level positions. The School Leadership program is comprised of a two-tier credential structure.

1. The first tier, the **Preliminary Administrative Services Credential (PASC)**, is the first credential issued after an individual meets basic credential requirements. The PASC authorizes service in positions serving preschool, K-12, and adults. This is a one-year program.
2. The second tier, the **Clear Administrative Administrative Services Credential (CASC)**, is issued when all credential requirements have been completed. The CASC is for those holding a Preliminary Administrative Services Credential and employed in an administrative position. Candidates are expected to enroll a clear program for their Clear credential within one year of beginning service on their Preliminary Administrative Services Credential. The Administrative Services Clear Induction Program is a two-year program.

Preliminary Administrative Services Credential (26 units)

Admission Requirements

1. Five years of full-time teaching and/or service experience in a public or private school (i.e. five years' experience in pupil personnel services) or students with four years of full-time teaching and/or service experience in a public or private school must complete their fifth year of full-time teaching and/or service experience during the School Leadership Program.

2. A 3.0 grade point average in the last 60 units of college work, a score of 500 or better on the MAT or a score of 300 or better on the GRE, General Aptitude Test.
3. Possession of a valid California teaching credential, designated subjects teaching credential, or services credential. (See CTC Requirements ([https://www.ctc.ca.gov/credentials/leaflets/admin-services-credential-california-\(cl-574c\)/](https://www.ctc.ca.gov/credentials/leaflets/admin-services-credential-california-(cl-574c)/)) for more details)
4. Have passed the California Basic Education Skills Test (CBEST) or meet basic skills requirement.
5. Attendance at SLP Orientation and Summer Institute
6. Two letters of recommendations, one from the applicant's site supervisor.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from the **College of Education Dean's Office: COE 1490, (310) 243-3510.**

Clear Administrative Services Credential (14 units)

Admission Requirements

1. Possession of a valid California Preliminary Administrative Services Credential.
2. Verification of an Offer of Employment in a full or part-time administrative position in an employing agency as defined in Title 5 of the California Code of Regulations section 80054(g)(1).

Authorization

This credential authorizes the holder to serve as a superintendent, deputy superintendent, assistant superintendent, principal, assistant principal, supervisor, consultant, coordinator director, dean, instructional specialist, or in an equivalent or intermediate level administrative position.

The School Leadership Program at CSU Dominguez Hills provides the two CTC-required pathways for Administrative Services Credentials in California. These pathways prepare educators for leadership positions in elementary and secondary schools, and certain district level positions. The School Leadership program is comprised of a two-tier credential structure.

1. The first tier, the **Preliminary Administrative Services Credential (PASC)**, is the first credential issued after an individual meets basic credential requirements. The PASC authorizes service in positions serving preschool, K-12, and adults. This is a one-year program.
2. The second tier, the **Clear Administrative Administrative Services Credential (CASC)**, is issued when all credential requirements have been completed. The CASC is for those holding a Preliminary Administrative Services Credential and employed in an administrative

position. Candidates are expected to enroll a clear program for their Clear credential within one year of beginning service on their Preliminary Administrative Services Credential. The Administrative Services Clear Induction Program is a two-year program.

Preliminary Administrator Services Credential (26 units)

Admission Requirements

1. Five years of full-time teaching and/or service experience in a public or private school (i.e. five years' experience in pupil personnel services) or students with four years of full-time teaching and/or service experience in a public or private school must complete their fifth year of full-time teaching and/or service experience during the School Leadership Program.
2. A 3.0 grade point average in the last 60 units of college work, a score of 500 or better on the MAT or a score of 300 or better on the GRE, General Aptitude Test.
3. Possession of a valid California teaching credential, designated subjects teaching credential, or services credential. (See CTC Requirements ([https://www.ctc.ca.gov/credentials/leaflets/admin-services-credential-california-\(cl-574c\)/](https://www.ctc.ca.gov/credentials/leaflets/admin-services-credential-california-(cl-574c)/)) for more details)
4. Have passed the California Basic Education Skills Test (CBEST) or meet basic skills requirement.
5. Attendance at SLP Orientation and Summer Institute
6. Two letters of recommendations, one from the applicant's site supervisor.

PRE-ADMISSION DISCLOSURE FOR ACADEMIC PROGRAMS LEADING TO LICENSURE OR CREDENTIALING

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from the **College of Education Dean's Office: COE 1490, (310) 243-3510.**

Clear Administrative Services Credential (14 units)

Admission Requirements

1. Possession of a valid California Preliminary Administrative Services Credential.
2. Verification of an Offer of Employment in a full or part-time administrative position in an employing agency as defined in Title 5 of the California Code of Regulations section 80054(g)(1).

Authorization

This credential authorizes the holder to serve as a superintendent, deputy superintendent, assistant superintendent, principal, assistant principal,

supervisor, consultant, coordinator director, dean, instructional specialist, or in an equivalent or intermediate level administrative position.

Requirements

Preliminary Administrator Services Credential (26 units)

Required Courses (26 units)

| Code | Title | Hours |
|--------------------|--|-----------|
| SLP 550 | Induction Preliminary Leaders | 2 |
| SLP 551 | Visionary Leadership | 3 |
| SLP 552 | Instructional Leadership | 3 |
| SLP 553 | Organizational Leadership and Resource Management | 3 |
| SLP 554 | Collaborative Leadership | 3 |
| SLP 555 | Ethical Leadership | 3 |
| SLP 556 | Political, Social, Economic, Legal and Cultural Leadership | 3 |
| SLP 557 | Post-Assessment, Preliminary Leadership | 2 |
| SLP 560 | Fieldwork A, Preliminary Leadership | 2 |
| SLP 561 | Fieldwork B, Preliminary Leadership | 2 |
| Total Hours | | 26 |

Additional requirements for Preliminary Administrative Services Credential

Must receive a B or better in each credential course.

The CTC requires successful passing of the California Administrator Performance Assessment as an additional requirement.

Clear Induction Administrative Services Credential (14 units)

Required Courses

Courses below must be repeated for a total of 14 units.

| Code | Title | Hours |
|--------------------|--|----------|
| SLP 580 | Professional School Leadership: Pre-Assessment, Induction | 2 |
| SLP 581 | Principles of Professional Administrative Practice: Six Themes | 3 |
| SLP 582 | Professional School Leadership: Post-Assessment | 2 |
| Total Hours | | 7 |

Higher Education Administration and Leadership (HEAL), Graduate Certificate

The Graduate Certificate in Higher Education Administration and Leadership, a two academic semester program, includes four courses (12 units) that encompass four fundamental areas of higher education administration: leadership; law; finance; and diversity and inclusion. The four 3-unit each courses will be offered over a period of two semesters. The proposed sequence of course offerings will ensure logical progression of student learning and experience over the course of one year if they enroll in two courses per semester.

The Graduate Certificate in Higher Education Administration and Leadership commences each semester. Students may apply for the Graduate Certificate in Higher Education Administration and Leadership

program to start in either fall or spring semester, consistent with the university and College of Education deadlines and admission requirements for graduate certificate programs.

The Graduate Certificate in Higher Education Administration and Leadership, a two academic semester program, includes four courses (12 units) that encompass four fundamental areas of higher education administration: leadership; law; finance; and diversity and inclusion. The four 3-unit each courses will be offered over a period of two semesters. The proposed sequence of course offerings will ensure logical progression of student learning and experience over the course of one year if they enroll in two courses per semester.

The Graduate Certificate in Higher Education Administration and Leadership commences each semester. Students may apply for the Graduate Certificate in Higher Education Administration and Leadership program to start in either fall or spring semester, consistent with the university and College of Education deadlines and admission requirements for graduate certificate programs.

Requirements

Requirements and Application to the Program

The following items are required for the application to be reviewed for admission to the Graduate Certificate in Higher Education Administration and Leadership:

- Statement of purpose/interest (2 page maximum)
- Program application
- Professional resume
- Eligibility/transcripts: Applicants to the program must have a bachelor's degree from an accredited institution with a minimum 3.0 GPA
- Three professional recommendation letters
- Prior work experience within higher education institutions (2/4 year colleges and universities) and/or closely affiliated organizations.
- There are no other pre-requisites

Requirements for Continuous Enrollment in the Program

- Students must complete all required courses with a grade of "B" or higher.
- Students must complete all of the program/course requirements for the certificate within two years.
- Students must adhere to all ethical and professional standards required by the university and the American Associate of University Administrators. Candidates must, at all times, demonstrate high quality interpersonal skills with faculty, staff, fellow students, and others in their interactions and communication. If candidates fail to meet these requirements, they are subject to disqualification from the program.

Required Courses (12 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| GED 550 | Leadership in Higher Education | 3 |
| GED 551 | Legal Issues in Higher Education | 3 |
| GED 552 | Higher Education Finance | 3 |
| GED 553 | Diversity and Inclusion in Higher Education | 3 |
| Total Hours | | 12 |

Health Science

College of Health, Human Services, and Nursing
School of Public Health and Health Sciences

Our Mission

The School of Public Health and Health Sciences programs are designed to:

Strengthen students' intellectual capacities and abilities to develop and mobilize human and institutional resources and services to meet the health needs of diverse individuals and populations, as well as the communities in which they reside.

Educate students in developing and implementing evidence-based assessment and intervention models that improve the biopsychosocial health of diverse individuals and populations, as well as the communities in which they reside.

Prepare scholar-practitioners to engage in multidisciplinary scientific inquiry that advances the knowledge base of research and practice in the health disciplines.

Prepare graduates who will be leaders in their fields and professions to inform and influence professional dialogues on key health issues affecting diverse individuals and populations, as well as the communities in which they reside.

Prepare scholar-activists who – with global consciousness and ecosystemic perspectives – are committed to attaining health equity and collective well-being through the promotion of human development, universal human rights, and social justice.

Program Description

Health Science offers a variety of programs including a major with different options leading to the Bachelor of Science in Health Science.

The **Community Health Option** is designed to provide students with the necessary skills and perspectives to function as effective community health workers and educators in an urban population that is diverse ethnically, economically, and demographically. Students will gain knowledge and understanding of health behavior and strategies for change, health disparities among diverse populations, and the development of programs that increase access to healthcare and related services.

A student in this option will acquire oral and written communication skills needed to develop health education materials and gain a basic understanding of public health problems and methods commonly used in studying and addressing these problems. Registered nurses and allied health care workers will be able to serve their patients more effectively by becoming knowledgeable about community health service agencies and public health policy at all levels of government. Upon completion of the Community Health Option, students will qualify to take the national Certified Health Education Specialist (CHES) examination.

The **Healthcare Management Option** is designed to provide students with a general foundation in the principles and theories of management, the skills needed by frontline or middle-level supervisors in a health care unit, an understanding of the organizational structure of the health care system, the financing of health care services in the United States, and knowledge of current health policies at local, state and federal levels.

The **Radiologic Technology Option** is designed to accommodate the transfer student already certified in the profession. This is **not** an entry point into the profession. A radiographer who holds a current certification from the ARRT or is a licensed CRT in California is eligible to enter this option to earn a BS degree in Health Sciences.

Features

The Healthcare Management and Community Health options are designed for practicing health professionals and future community health and healthcare personnel. Students may also apply to Radiologic Technology. Since many students work during the day, many health science courses are offered in the late afternoon, evening, and on weekends, and many meet only once a week. To keep the health science programs contemporary, most of the health science courses are taught by practicing professionals.

The transfer program is designed for Certified/Registered Radiologic Technologists who wish to earn a BS degree. This program is not competitive but students must meet admission criteria.

Academic Advisement

All students are urged to consult with advisors throughout their matriculation at CSU Dominguez Hills. At the very least, advisors should be consulted for the following:

- Admission
- Career plans and choices
- Selection of options
- Variation in programs and/or "course substitution"
- Pre-registration advisement
- Filing for graduation

Advisement is available through the College of Health, Human Services, and Nursing Student Services Center at 1-310-243-2120 or 1-800-344-5484.

Preparation

Students interested in healthcare management or community health may complete their lower division general education, preferably with an associate of science degree, before coming to CSU Dominguez Hills.

Credit for Prior Health Education

If students have completed a clinical program for which they did not receive academic credit, they may be granted credit for that education. Please consult the health science office for details. The credits obtained for a clinical program may be applied as lower-division elective credits toward the Bachelor of Science degree in Health Science only.

Procedures and Admission Criteria

Only a limited number of students can be accommodated in the clinical options. In addition to filing a completed application to the university, students must also complete the desired option application form to be considered for admission. Admission to these clinical options is not automatically ensured by meeting academic requirements, nor does

admission to CSU Dominguez Hills as a Health Science Major guarantee acceptance into individual clinical options.

Graduation with Honors in the Major

An undergraduate student may be a candidate for graduation with honors in Health Science provided s/he meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in courses used to satisfy the upper division requirements in the major.

Students who achieve honors in Health Science will have the information recorded on their transcripts and diplomas.

Radiologic Technology Option

The Radiologic Technology option is for a post-certification option for Certified Radiologic Technologists (CRTs) who wish to continue their education and earn a bachelor's degree in Health Science.

Post-Certification Option: To be eligible for the post-certification option, an applicant must meet the following minimum requirements:

1. Either be a Certified Radiologic Technologist (CRT) or registered by the American Registry of Radiologic Technologists (R.T.).
2. Completion of all lower division required courses. A grade of "C" or better in each course is required. The completion of 56-70 units of lower-division coursework is highly recommended before application to the program.
3. Applicants must submit an application, with supporting documents, to CSU Dominguez Hills.
4. Admission to this option is **not** competitive as long as the above requirements have been met.

Please note that BS Health Science– Radiologic Technology Option is not currently accepting new students. The post-certification option is currently being structured and will be offered in the near future.

Orthotics and Prosthetics Option

Submit the application directly to the National Commission for Orthotics and Prosthetics Common Application System:

1. M.S. in Health Science, Orthotics and Prosthetics Program
Application is available at <http://portal.opcas.org> (<http://portal.opcas.org/>). (Common Application System) Applications to the program are accepted one time each year. Students planning to seek admission should submit both applications including all supporting materials no later than December 31 preceding a summer semester admission to the program. The application deadline may be extended to accommodate enrollment;
2. Record of experience in an Orthotic and Prosthetic facility (recommended at least 40 hours)
3. a copy of official transcripts;
4. GRE Test scores (optional);;
5. a statement of interest;
6. three letters of recommendation must be submitted directly to the Common Application System.
7. A subsequent interview by a panel consisting of orthotics and prosthetics faculty.

8. Upon admittance, to the program applicants must submit a complete graduate admission application to the University at calstate.edu/ (<http://calstate.edu/apply/>) apply (<http://calstate.edu/apply/>).
Please note: Application deadlines are subject to change without notice. Check with the O&P Program for the deadlines of the current application cycle.

Undergraduate Programs

Bachelor

- Health Science, Bachelor of Science (p. 583)

Minor

- Health Science, Minor (p. 591)

Graduate Programs

Master

- Health Science, Master of Science (p. 588)

Faculty

Matt G Mutchler, Department Chair

Health Science Faculty: Karla Castillo, Kristen Emory, Matt G Mutchler, Archana Sharma, Elwin Tilson, Abel Whittimore, Tony Jehi, Parichart Sabado

Program Office: SBS C-321, (310) 243-2698

Mark Muller, Program Coordinator, Orthotics, and Prosthetics Program
O&P Faculty: Ava Herbrick, Mark Cromer, Jen Lucarevic

O&P Program location: 10641 Calle Lee, Suite 185, Los Alamitos, CA 90720

Student Success Center Main Office - Advising: Welch Hall A210, (310) 243-2120, Email: chhsnadvising@csudh.edu; Mark Kerr - Advisor mkerr@csudh.edu, (310) 243-3423

Emeriti Faculty

Amer El-Ahraf, Ellen Hope-Kearns, Chi-Hua Hsiung, Pamela C. Krochalk

Courses

HEA 100. Health & Lifestyles. (3 Units)

To familiarize the student with relationships among the physical, social and psychological aspects of health, which include: self-care, prevention and analysis of personal health problems through participation in self-assessment techniques. Topics include the relationship of lifestyles to nutrition, stress, physical fitness, death and dying, and mental illness. Offered Fall, Spring, All terms

HEA 104. Food, Health and Environment. (3 Units)

Explores the links among food, the environment and health. Contributions of social trends and government policies to the current state of health, disease and environmental impact of food systems will be examined. Offered Fall, Spring

HEA 195. Special Topics Health Science. (1-3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Offered Infrequent

HEA 201. Healthcare Systems and Perspectives. (3 Units)

Examination of healthcare delivery systems and personal health as integrated physiological, social, psychological processes. Topics include role of healthcare providers; major healthcare organizations; contemporary healthcare issues; interactions of healthcare and physical environmental changes which influence health of the whole person. Offered Fall, Spring

HEA 280. Orientation and Elementary Radiation Protection. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Orientation to applied medicine, hospitals and radiology departments. Introduces students to overall view of radiology and ethical principles. Basic radiation protection instruction to allow students to begin the clinical practicum. Offered Fall

HEA 281. Medical Terminology: Radiology. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Programmed approach to general medical terminology with emphasis on radiology and applied specialties. Review of common medical terms, prefixes, suffixes and roots. Offered Fall

HEA 287. Clinical Practicum I. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised Clinical rotations through support areas of radiology department: filerooms, darkrooms, patient transport and scheduling. Introduction to hospital environment and health care team. Film critiques. Practicum 280 hours. Offered Fall

HEA 300. Health in Public Education. (3 Units)

Prerequisite: HEA 100 or equivalent is recommended. Health education required course for the professional multiple or single-subject, clear credential teaching applicants. Covers all topics designated in the Health Framework for California, including personal health, family health, nutrition, the physiological and sociological effects of substance abuse, cardiopulmonary resuscitation and child abuse. Offered Fall, Spring

HEA 309. Mapping Public Health. (3 Units)

Introduction to Geographic Information Systems using ArcGIS Online for Healthcare Professionals. The course allows students to interpret geographic patterns/address public health problems for policy planning. Basic concepts include population demographics, health services, analyzing environmental factors, data interpretation, and data analysis. Offered Fall, Spring

HEA 312. Intro To Public Health. (3 Units)

Prerequisite: HEA 201 or concurrent enrollment is required. Nature, transmission, and control of disease from a public health perspective: Historical background, current problems, trends in prevention and control, and applications to health care planning. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. Offered Fall, Spring

HEA 313. Introduction to Biostatistics. (3 Units)

Prerequisite: HEA 201 (or concurrent enrollment) and MAT 131/132 are required. Introduction to the basic concepts of biostatistics and their application and interpretation. Topics include descriptive statistics, graphics, diagnostic tests, probability distributions, inference, tests of significance, association, linear and logistic regression, and life tables. Offered Fall

HEA 314. Health Behavior. (3 Units)

Prerequisite: HEA 201 (or concurrent enrollment) is required. Current concepts of the behavioral sciences in the health field with specific application to ethnically and culturally diverse urban communities. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. Offered Fall, Spring

HEA 315. Interpersonal Skills in Health Communication. (3 Units)

Prerequisite: HEA 201 (or concurrent enrollment) is required. Fundamentals, principles, and skills of interpersonal and group processes in health related occupations. Special emphasis on theory and techniques of interviewing, small group dynamics, crisis intervention and interpersonal management skills in ethnically and culturally diverse urban settings. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. Offered Fall, Spring

HEA 316. Introduction to Epidemiology. (3 Units)

Principles of epidemiology are introduced in the context of interpreting studies of health in human populations within their socio-cultural setting and diverse environments. Concepts addressing the design, implementation, analysis and interpretation of epidemiological studies are covered. Offered All terms, Spring

HEA 318. Health Services Management. (3 Units)

Prerequisite: HEA 201 is required. Concepts, issues, and skills in administration and management of a health care unit, including personnel, finances, equipment, supplies, and facilities. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. Offered Fall, Spring

HEA 319. Leadership in Healthcare. (3 Units)

Prerequisite: HEA 201 is required. Focuses on leadership theory and its application to the healthcare setting. Leadership concepts include traits, situations, communication, power, vision, integrity, emotional intelligence, and courage. Provides an understanding of theory and research, as well as skills and self insight to become effective leaders. Offered Spring

HEA 320. Contemporary Health and Disease. (3 Units)

Prerequisites: HEA 201 and BIO 102 are required. Through the natural and social sciences, addresses infectious and non-infectious diseases across the lifespan, their causative factors, disease occurrence patterns, risk factors, symptoms, prevention, control, and treatment methods as well as educational implications for achieving optimal community health. Offered Spring

HEA 371. Radiologic Technology Legal Perspectives Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from legal perspective and coordinates study of current issues, theories and techniques related to health care delivery; principles of dark room technology and radiation protection, and medical terminology. Offered Fall, Spring

HEA 372. Radiologic Technology History, Philosophy, Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from historical and philosophical perspectives and coordinates study of current issues, theories and techniques related to concepts and practice of fundamental patient care, radiologic exposure and routine radiologic procedures. Offered Fall, Spring

HEA 373. Radiologic Technology Ethical Perspectives and Professional Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from an ethical perspective and coordinates study of current issues, theories and techniques related to radiographic procedures using contrast media, topographic anatomy and positioning, and routine fluoroscopic procedures.

Offered Fall, Spring

HEA 374. Radiologic Technology Political and Social Perspectives and Professional Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the foundations of the radiologic technology profession from a political and social perspective and coordinates study of current issues, theories and techniques related to radiation protection and federal and state regulations, radiologic physics, topographic anatomy and positioning, and routine exams in pediatrics, surgery and genitourinary room.

Offered Fall, Spring

HEA 375. Radiologic Technology Future Perspectives and Professional Review. (1 Units)

Prerequisite: Admission to Radiologic Technology Option - CRT. Explores the future of the radiologic technology profession from a technological, as well as professional perspective and coordinates study of current issues, theories and techniques related to special radiologic procedures, sub-specialties, and departmental and administrative procedures, and senior research topics.

Offered Fall, Spring

HEA 380. Darkroom Chemistry and Techniques. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Darkroom construction, hand and automatic processing, film artifacts, processing aspects, and prevention. Quality control and darkroom chemistry.

Offered Fall

HEA 381. Patient Care Procedures Related to Radiology. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduction to fundamental patient care procedures and principles in radiology departments: patient care/handling, body mechanics, aseptic technique, emergency procedures and use/care support equipment in preparation for patient contact.

Offered Fall

HEA 382. Principles of Radiographic Exposure. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Basic radiographic principles: image formation, intensifying screens, factors affecting quality, calibration, equipment design/function, filters, electromagnetic radiation and exposure factors. Teaches mechanics of performing examinations.

Offered Fall

HEA 383. Common Radiographic Procedures Using Contrast Media. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Positioning and exposure techniques for contrast studies (esophograms, barium enemas, etc.) fluoroscopic techniques. Introduction to the uses, contraindications, and pharmacology of contrast media.

Offered Spring

HEA 384. Topogr Anatomy & Position I. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduces topographic anatomy and positioning procedures necessary to produce diagnostic radiographs of the entire body (except the skull). Exposure control techniques and exam indications.

Offered Spring

HEA 385. Radiation Protection. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Principles of radiation safety, biological effects, x-ray production, and radiation detection devices. Emphasis on federal and state regulations.

Offered Fall

HEA 387. Clinical Practicum II. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through routine diagnostic rooms. Perform radiologic examinations on patients under direct supervision of a technologist. These will include x-rays and film critiques of the thoracic and appendicular skeleton. Rotation through emergency rooms, orthopedics, and portable radiography. Practicum 580 hours.

Offered Fall

HEA 388. Clinical Practicum III. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotation through routine radiographic/fluoroscopic rooms, including surgery. Perform routine diagnostic examinations (except skull), fluoroscopic and intra-operative exams. Weekend rotations begin. Film critiques. Practicum 580 hours.

Offered Spring

HEA 395. Special Topics in Health Science. (1-3 Units)

Prerequisite: Consent of instructor. Study of a topic of interest to students pursuing a career in the health professions. Topic will vary as announced. One to three hours of lecture per week.

Offered Fall, Spring

HEA 410L. Coding Procedures I Lab. (0 Units)

Offered Infrequent

HEA 411L. Coding Procedures II Lab. (0 Units)

Offered Infrequent

HEA 412L. Alternative Hlth Record Sys. (0 Units)

Offered Infrequent

HEA 413L. Computerized Hlth Info Systems. (0 Units)

Offered Infrequent

HEA 414L. Hlth Info Dept Mgmt. (0 Units)

Offered Infrequent

HEA 435. Orthotics Soft Goods Fitters Course. (1 Units)

Prerequisites: BIO 250 and BIO 251 are required. Comprehensive study of short-term, custom-fitted orthoses for the management of the spine, upper and lower limbs. It includes evaluation, assessment, treatment plan formulation, implementation of the plan and follow-up. Fittings of selected orthoses are included.

Offered As needed

HEA 445. Material Science and Laboratory Skills. (2 Units)

Prerequisites: BIO 250 and BIO 251 are required. Study of various chemical and physical properties of materials and the relationship and implications of those properties in orthotic-prosthetic design and fabrication. Development of specific laboratory competencies on O & P tools, techniques, and materials.

Offered As needed

HEA 455. Applied Anatomy. (1 Units)

Prerequisites: BIO 250 and BIO 251 are required. A focused course in human anatomy that uses a combined regional and systemic approach to examine the relationships and organization of the major structures within the body as they relate to Orthotic and Prosthetic application and design.

Offered As needed

HEA 460. Comm Health Agencies. (3 Units)

Prerequisite: HEA 201 is required. Examination and evaluation of state, federal, local and community health agencies and programs. Survey and analyze community level drug, alcohol, communicable disease, and mental health problems and programs. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall

HEA 461. Community Health Needs Assessment and Program Planning. (3 Units)

Prerequisites: HEA 314, HEA 316, HEA 462, and HEA 479 are required. Examination of approaches for conducting community health needs assessments and planning of health intervention programs.

Offered Spring

HEA 462. Methods in Community Health Education. (3 Units)

Prerequisite: HEA 201 is required. Introduces principles and theories of learner-centered education to promote community health. Includes assessment of learning environment; development of curriculum and teaching plans; teaching/learning strategies, methodologies, resources; selection of aids and materials; evaluation of effectiveness. Students will plan and present lessons.

Offered Spring

HEA 463. Health Program Implementation and Evaluation. (3 Units)

Prerequisite: HEA 461 is required. Focuses on strategic approaches to implementation of community health promotion and disease prevention programs and evaluation of program processes and outcomes.

Offered Spring

HEA 464. Health Educator as Community Resource and Advocate. (3 Units)

Prerequisite: HEA 201 is required. Emphasizes role of community organizing in engaging diverse communities to advance conditions in which people can be healthy. Examines role of health educators, grassroot activists, and others in stimulating social, political, and economic approaches to promote community health.

Offered Spring

HEA 465. Introduction to Global Health. (3 Units)

Prerequisite: HEA 201 is required. Introduces approaches used by various countries in solving their health and medical care problems, and the role of major international health organizations. Analyzes some of the current important issues in international health.

Offered Spring

HEA 466. Environmental Health Problems. (3 Units)

Prerequisite: HEA 201 is required. Impact of human activities on environmental quality and resulting environmental health problems, especially local issues, public and private responses to them. Design, carry out, and analyze a study and prepare a written report of results. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall

HEA 467. Health Policy Issues and Analysis. (3 Units)

Prerequisite: HEA 201 is required. Examination of the major current health policy issues in the U.S. with emphasis on the application of conceptual and procedural policy analysis tools useful for defining policy problems, assessing alternative solutions, and examining effects of health policies.

Offered Fall

HEA 468. Multicultural Health. (3 Units)

Prerequisite: SOC 101 and ANT 101 are recommended. Study of social, cultural, psychological, and biological factors affecting the distribution of health, wellness, and illness in various ethnic, cultural, and racial groups. Special attention is given to health issues of groups with special physical and mental health needs, including underserved and immigrant populations residing in California.

Offered Fall, Spring

HEA 469. Management Sciences in Healthcare Organizations. (3 Units)

Prerequisites: ECO 210, HEA 313 and HEA 318 are required. Drawing on economics, statistics, operations research, decision analysis, systems analysis, and operations management, provides an introduction to selected quantitative techniques and analytical tools applicable to improvement of management problem solving and processes, and the organizational delivery of health services.

Offered Fall, Spring

HEA 470. Legal Issues in the Health Sciences. (3 Units)

Examination of new legislation, exploration of various health law issues that impact hospitals, individuals and groups within the health care sector; including informed consent, regulation/antitrust, licensure and credentialing, and medical ethics. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Spring

HEA 471. Law, Ethics and Social Values in Healthcare. (3 Units)

Prerequisite: HEA 201 is required. Overview of legal and ethical issues faced by society, healthcare consumers, providers, and administrators within the context of social values. Introduction to legal and ethical decision-making at the governmental, institutional, and practitioner levels.

Offered Fall, Spring

HEA 472. Survey of Healthcare Finance. (3 Units)

Prerequisites: HEA 201, ACC 230 and ECO 210 are required. Concepts and issues in financial management of healthcare organizations. Use of tools for cost effective decision-making and learn to recognize and deal with financial components of decision-making in healthcare organizations. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments.

Offered Fall

HEA 474. Health Care Ethics. (3 Units)

Prerequisites: HSC 201; HEA 470 and HEA 472 are recommended. Intensive study of ethical issues raised in provision of health care and health care administration. Current and historical arguments surrounding ethical issues will be discussed and analyzed. Students will learn to recognize ethical dilemmas, apply ethical principles and resolve the dilemmas.

Offered Infrequent

HEA 475. Human Resources Management in Healthcare. (3 Units)

Emphasis on key concepts of human resources management, identifying importance of human resources in healthcare organizations, establishing need for relating strategic planning of organizations to their human resource planning, and on examining role of organizational culture in behavior and productivity.

Offered Spring

HEA 476. Managing Health Information Systems. (3 Units)

Prerequisites: HEA 201 and HEA 318 are required. Conceptual and practical aspects in the analysis, development, and utilization of health information technology and systems having clinical and business applications with the focus being on improving organizational performance.

Offered Spring

HEA 477. Long-Term Care Administration. (3 Units)

Prerequisite: HEA 201 is required. History, development, trends; major policy issues; organization of systems; principles and techniques of administration, including managing the environment of care and client/resident care services; management of institutional and community-based programs.

Offered Spring

HEA 478. Strategic Management in Health Care. (3 Units)

Prerequisites: HEA 318 and HEA 472 are required. Methods for strategic planning and marketing of health services organizations. Techniques for determining strategies for unique services, integration of strategy, structure, and administrative systems.

Offered Spring

HEA 479. Research Methods in Health Sciences. (3 Units)

Prerequisite: HEA 313 is required. Overview of research methods in health sciences, including study design, sampling, data collection and analysis, statistical techniques, and report writing. Application of research methods to development of research proposal. Critical analysis of literature. Examination of relevance of data to decision making.

Offered Fall, Spring

HEA 480. Radiological Physics. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Emphasis of health and safety on electric circuits, generators, x-ray circuits, x-ray physics.

Offered Fall, Spring

HEA 481. Topographic Anatomy and Positioning II. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduces topographic anatomy and positioning procedures necessary to produce diagnostic radiographs of the skull. Exposure control techniques and exam indications included.

Offered Fall

HEA 482. Special Radiographic Procedures. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option or consent of instructor. Radiographic anatomy and physiology, positioning, film evaluation and specialized equipment applying to highly technical exams (interventional radiography, tomography, CT and MRI). Management of acutely ill patients. Fee required.

Offered Spring

HEA 483. Sub-Specialties in Radiology. (2 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduction to principles of pediatric radiography, intraoral radiography, radiation therapy and nuclear medicine. Image formation, equipment, techniques and handling of radiation and radionucleotides.

Offered Spring

HEA 485. Departmental Administrative and Office Procedures, Computer Literacy. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Introduction to organization and budgeting of a radiology department; use of computers in radiology and basic computer principles.

Offered Spring

HEA 487. Clinical Practicum IV. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through routine radiographic/fluoroscopic, pediatric, surgical and genitourinary rooms. Performs routine exams and film critiques (except skull) in all areas. Practicum 280 hours.

Offered Fall

HEA 488. Clinical Practicum V. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through all areas of routine radiography, with student performing all routine diagnostic fluoroscopic and radiographic exams and film critiques, including skull radiography. Student will be able to perform radiologic procedures independently. Practicum 580 hours.

Offered Fall

HEA 489. Clinical Practicum VI. (3 Units)

Prerequisite: Admission to the Radiologic Technology Option. Supervised rotations through special radiographic procedures, radiation therapy, magnetic resonance imaging, nuclear medicine, mammography and ultrasound. Continued application in routine radiography, fluoroscopy and film critique. Perform radiologic procedures independently. Practicum 580 hours.

Offered Spring

HEA 490. Health Science Senior Seminar. (1-3 Units)

Prerequisites: Senior standing and HEA 479 are required of all majors. For Community Health Option: HEA 461, HEA 463 and HEA 468 are required. For Health Care Management Option: HEA 467 and HEA 478 are required. Undertake in-depth study employing concepts and principles learned in Health Science core and options. Must demonstrate analytic thinking skills and ability to synthesize disparate area knowledge in the development of an original research project. Proficiency in written and oral English language required.

Offered Fall, Spring

HEA 491. Res Sem Orth/Prosth I. (1 Units)

Prerequisites: HEA 440 and HEA 450. Background literature review, hypothesis formation, study design, development of data collection instruments and data collection as phase one of orthotic/prosthetic research project. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. One hour of seminar per week. Fee required.

Offered Fall, Spring

HEA 492. Research & Seminar in O&P. (2 Units)

Prerequisite: MAT 131, or consent of instructor. Overview of the principles and applications of research. Examination of testing and improving patient outcomes. Basic concepts in research design, including literature review, identification of research question, development of data collection instruments, data analysis. Write and present a research proposal.

Offered Fall, Spring

HEA 493S. Preceptorship in O&P. (3 Units)

Prerequisite: Consent of instructor. 125 hour placement in a private sector or institutional facility. Repeatable for credit up to 8 units. Fee required.

Offered Fall, Spring

HEA 494. Independent Study in Health Science. (1-3 Units)

Prerequisite: Consent of instructor. In-depth study of a health sciences topic under the supervision of a health sciences instructor. Requires independent study contract to be completed before enrollment.

Repeatable course.

Offered All terms, Fall, Spring

HEA 495. Spec Topics in Health Sciences. (1-3 Units)

Prerequisites: HEA 201; Consent of instructor. Intensive study of a Health Sciences topic of special interest to students pursuing a career in the health professions. Topic will vary as announced. One to three hours of lecture per week.

Offered All terms, Fall, Spring

HEA 496. Internship in Health Sciences. (1-6 Units)

Must be Health Science major; must be a senior; must be accepted in the internship program; consent of instructor required. Corequisite: HEA 497. Students will be directed to health care facilities to serve as interns. Regular meetings are scheduled with a faculty internship supervisor to assess student progress. Up to forty hours per week.

Offered Fall, Spring

HEA 497. Internship Seminar. (1 Units)

Corequisite: HEA 496 is required. Consent of instructor is required. Students discuss and conduct in-depth analysis of their personal and professional growth and problem-solving skills in relation to their internship experiences.

Offered Fall, Spring

HEA 498. Dir. Research in Hlth. Sci.. (1-3 Units)

Prerequisites: HEA 201 and consent of instructor. Advanced topics and research on specific subjects in Health Sciences. Topics of research to be approved and directed by an instructor.

Offered Fall, Spring

HEA 499. Senior Project Radiology. (1 Units)

Prerequisite: Admission to the Radiologic Technology Option. Individual research in radiology with student class presentation: learn presentation skills, use of A-V methods, oral skills, and written presentation. Students must demonstrate proficiency in the English language by successfully completing oral and written assignments. One hour of seminar activity per week. Repeatable for credit for up to one unit.

Offered Fall, Spring

HEA 508. Clinical Pathology for Orthotics and Prosthetics. (3 Units)

Prerequisites: HEA 455 or consent of instructor. Examination of the etiology, clinical signs and symptoms, treatment, prognosis and social implications of pathological conditions associated with numerous diseases and traumatic injuries that require orthotic and/or prosthetic intervention. Includes introductory Neuroscience and neural disorders encountered in practice.

Offered Fall

HEA 516. Clinical Evaluation Tools in Orthotics and Prosthetics. (2 Units)

Prerequisite: HEA 455 or consent of instructor is required. Examines the variety of standardized clinical assessment tools to be appropriately used in concert with the clinical examination, as well as evidence from literature, to determine the need for orthotic-prosthetic services and design optimal intervention strategies.

Offered Fall

HEA 535. Practice Management for Orthotics and Prosthetics. (1 Units)

Prerequisite: HSC 500 is required. Addresses general business practice within orthotic-prosthetic practice, including its role in clinical decision making, documentation, time management and compliance with regulatory agencies, reimbursement and human resource management.

Offered Summer

HEA 536. Psychological Aspects of Disability. (1 Units)

Prerequisite: HSC 500 is required. Application of psychological concepts to illness and disability. Awareness of social supports and constraints, activities across the lifespan, and integration of these factors into clinical practice. Strategies for dealing with patients in distress, and symptoms requiring referral to other professionals.

Offered Summer

HEA 540. Orthotic Management of the Upper Limb. (3 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of short-and long-term upper limb orthotic management. Includes evaluation; assessment; treatment plan formulation; implementation and follow-up. Fabrication and fitting of: finger, hand, wrist, forearm, elbow, humeral and shoulder orthoses.

Offered Spring

HEA 541. Orthotic Management of the Lower Limb I. (4 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of lower limb orthotic management distal to the knee. Includes evaluation and assessment; treatment plan formulation, follow-up and patient education; biomechanics; gait analysis and motor disability. Fabrication and fitting of foot and ankle-foot orthoses.

Offered Spring

HEA 542. Orthotic Management of the Lower Limb II. (5 Units)

Prerequisite: HEA 541 is required. Comprehensive study of lower limb orthotic patient management proximal to the knee. Includes evaluation and assessment; treatment plan formulation, follow-up and patient education; as well as biomechanics, gait analysis and motor disability. Fabrication and fitting of selected orthoses.

Offered Fall

HEA 544. Orthotic Management of the Spine. (4 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of spinal orthotic management. Includes evaluation, assessment, treatment plan formulation, implementation of the plan, and follow-up. Fabrication and fitting of selected orthoses is included. Also, presentation of Wheelchair Seating and Cranial Remolding Helmets.

Offered Fall

HEA 545. Normal Gait and Biomechanics of Movement. (2 Units)

Prerequisites: HEA 455 or consent of instructor. Primary areas of study will include applied anatomy, anthropometry, kinematics, and kinetics, normal human locomotion, force vectors, observational and instrumented gait analysis.

Offered Fall

HEA 547. Gait Analysis and Pathomechanics for O & P. (1 Units)

Prerequisite: HEA 545 or consent of instructor. Examination and assessment of how and why an individual's gait deviates from normal human locomotion when they are utilizing an orthotic or prosthetic device designed for application distal to the knee.

Offered Fall

HEA 551. Prosthetic Management of the Upper Limb. (3 Units)

Prerequisites: HEA 508, HEA 516 and HEA 545 are required. Comprehensive study of upper limb prosthetic management, including transradial, transhumeral, partial hand, elbow and shoulder disarticulation amputations. Includes evaluation; assessment; treatment plan formulation, implementation and follow-up to promote positive outcomes using evidence-based practice.

Offered Spring

HEA 552. Prosthetic Management of the Lower Limb I. (4 Units)

Prerequisites: HEA 508, HEA 516, and HEA 545 are required. Management of amputations distal to the knee, including Transtibial, Symes and Partial Foot. Patient assessment, formulation of treatment plans, and implementation through measurement, casting, fabrication, and fitting of patients. Pathologies, surgical procedures, components, biomechanics, gait and outcome measures.

Offered Spring

HEA 554. Prosthetic Management of the Lower Limb II. (5 Units)

Prerequisite: HEA 552 is required. Management of amputations proximal to the knee, including Knee Disarticulation, Trans Femoral and Hip Disarticulation. Includes all aspects of patient assessment, formulation of treatment plans, and implementation through measurement, casting, fabrication and fitting to promote positive outcomes.

Offered Spring

HEA 580. Applied Technologies in Orthotics and Prosthetics. (1 Units)

Prerequisite: HSC 500 is required. Integration of non-traditional techniques in the measurement, fabrication, and delivery of devices in contemporary O & P practice. This includes knowledge of computer aided design, electrical circuitry, and biomechanical and biomedical engineering concepts.

Offered Summer

HEA 592. Subspecialties in Orthotics and Prosthetics. (2 Units)

Prerequisites: HEA 541, HEA 542, HEA 551 and HEA 552 are required, or consent of instructor. Student driven course in areas of advanced skills, infrequently used devices, or unique goals in O & P. Lecture and demonstration with pediatric, geriatric, recreational and special use clients. Development of evaluation, assessment, and treatment plans through case studies and live interaction.

Offered As needed

HEA 593. Culminating Activity in Orthotics and Prosthetics. (3 Units)

Prerequisites: Advancement to Candidacy MS in Health Science: Orthotics and Prosthetics Option requires a portfolio as the culminating experience. The portfolio is an accumulation of a direct research paper, practical exams, written and written simulation exams, oral exams, gait analysis and clinical patient scenarios.

Offered As needed

HEA 596. Clinical Practicum in Orthotics and Prosthetics. (1-4 Units)

Prerequisites: HEA 508 and HEA 516 are required. Fieldwork and in-depth study of discipline related topics under the direction of Division of Health Sciences faculty member. Repeatable for credit for a maximum of eleven (11) units.

Offered Fall, Spring, Summer

Health Science, Bachelor of Science Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required

Major Requirements, Community Health and Health Care Management Options (66 - 70 units)

The following courses, or their approved transfer equivalents, are required of all candidates for the degree focusing on the Community Health or Health Care Management option.

A major in Health Science in one of these two options consists of lower division required core courses, upper division required core courses and lower and upper division courses corresponding to the option. The core courses are common to both of the options. The lower and upper division option courses vary with option chosen.

Common Core Requirements

| Code | Title | Hours |
|--|--|--------------|
| Lower Division Required Courses | | |
| HEA 201 | Healthcare Systems and Perspectives ¹ | 3 |
| MAT 131 | Elementary Statistics and Probability ¹ | 3-4 |
| or MAT 132 | Statistics and Probability with Support | |
| Upper Division Required Courses | | |
| HEA 312 | Intro To Public Health | 3 |
| HEA 313 | Introduction to Biostatistics | 3 |
| HEA 315 | Interpersonal Skills in Health Communication | 3 |
| HEA 466 | Environmental Health Problems | 3 |
| HEA 467 | Health Policy Issues and Analysis | 3 |
| HEA 468 | Multicultural Health ² | 3 |
| HEA 471 | Law, Ethics and Social Values in Healthcare | 3 |
| HEA 479 | Research Methods in Health Sciences | 3 |
| HEA 490 | Health Science Senior Seminar | 1-3 |
| HEA 496 | Internship in Health Sciences ³ | 1-6 |
| HEA 497 | Internship Seminar ³ | 1 |
| Total Hours | | 33-41 |

¹ Students are advised to take MAT 131 Elementary Statistics and Probability or MAT 132 Statistics and Probability with Support and HEA 201 Healthcare Systems and Perspectives to meet General Education requirements and the Health Science lower division requirement.

² Fulfills General Education Area D3: Integrative Studies in Social Science.

³ Must be taken concurrently.

In addition to the common core requirements, all health science majors must choose one of the following options:

Community Health Option (30-33 units)

| Code | Title | Hours |
|--|--|--------------|
| Lower Division Required Courses | | |
| BIO 102 | General Biology ¹ | 3 |
| Upper Division Required Courses | | |
| HEA 314 | Health Behavior | 3 |
| HEA 316 | Introduction to Epidemiology | 3 |
| HEA 320 | Contemporary Health and Disease | 3 |
| HEA 461 | Community Health Needs Assessment and Program Planning | 3 |
| HEA 462 | Methods in Community Health Education | 3 |
| HEA 463 | Health Program Implementation and Evaluation | 3 |
| HEA 464 | Health Educator as Community Resource and Advocate | 3 |
| Electives | | |
| Select six to nine units from the following: | | 6-9 |
| HEA 300 | Health in Public Education | |
| HEA 319 | Leadership in Healthcare | |
| HEA 465 | Introduction to Global Health | |
| HEA 477 | Long-Term Care Administration | |
| HEA 495 | Spec Topics in Health Sciences | |
| Total Hours | | 30-33 |

¹ Students are advised to take BIO 102 General Biology to meet General Education requirement in Natural Science and the Health Science lower division requirement.

Health Care Management Option (30-33 units)

| Code | Title | Hours |
|---|---|--------------|
| Lower Division Required Courses | | |
| ACC 230 | Financial Accounting | 3 |
| ECO 210 | Economic Theory 1A Micro ¹ | 3 |
| Upper Division Required Courses | | |
| HEA 318 | Health Services Management | 3 |
| HEA 319 | Leadership in Healthcare | 3 |
| HEA 469 | Management Sciences in Healthcare Organizations | 3 |
| HEA 472 | Survey of Healthcare Finance | 3 |
| HEA 476 | Managing Health Information Systems | 3 |
| HEA 477 | Long-Term Care Administration | 3 |
| HEA 478 | Strategic Management in Health Care | 3 |
| Electives | | |
| Select three to six units from the following: | | 3-6 |
| HEA 316 | Introduction to Epidemiology | |
| HEA 320 | Contemporary Health and Disease | |
| HEA 455 | Applied Anatomy | |
| HEA 495 | Spec Topics in Health Sciences | |
| Total Hours | | 30-33 |

¹ Meets General Education Requirement Area D1.

Major Requirements, Radiologic Technology Option (51 units)

Please note that BS Health Science: Radiologic Technology Option is not currently accepting new students. The option is currently being restructured into a post licensure degree which will be offered in the near future.

The following courses, or their approved transfer equivalents, are required of all candidates for the degree focusing on Radiologic Technology Option.

A Major in Health Science consists of lower division required courses, upper division core courses and lower and upper division courses in one of the options listed below. The upper division core courses are common to all Health Science Majors for those options listed below. The lower division required courses and the lower and upper division option courses vary with the option chosen.

Common Core Requirements (24 units)

| Code | Title | Hours |
|---|--|-----------|
| Lower Division Required Courses | | |
| CSC 101 | Intro.to Computer Education | 3 |
| HEA 201 | Healthcare Systems and Perspectives | 3 |
| MAT 131 | Elementary Statistics and Probability ¹ | 3 |
| Upper Division Requirements | | |
| HEA 479 | Research Methods in Health Sciences | 3 |
| Select four courses from the following: | | 12 |
| HEA 312 | Intro To Public Health | |
| HEA 314 | Health Behavior | |
| HEA 315 | Interpersonal Skills in Health Communication | |
| HEA 318 | Health Services Management | |
| CLS 308 | Pathophys for Hlth Professions | |
| Total Hours | | 24 |

¹ Students are advised to take MAT 131 Elementary Statistics and Probability to meet both the General Education quantitative reasoning requirement and the Health Science lower division requirement.

Radiologic Technology Option (42 units)**Prerequisites or Equivalents**

| Code | Title | Hours |
|--------------------|--|--------------|
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| ENG 110 | Freshman Composition Accelerated | 3 |
| ENG 111 | Freshman Composition II | 3 |
| PSY 101 | General Education Psychology: Understanding Human Behavior | 3 |
| or SOC 101 | The Individual In Society | |
| ANT 100 | Introduction to Cultural Anthropology | 3 |
| PHY 100 | Patterns In Nature | 3-4 |
| or PHY 120 | Elements Of Physics I | |
| CHE 110 | General Chemistry I | 5 |
| Total Hours | | 24-25 |

Required Courses

| Code | Title | Hours |
|--|---|-------|
| Lower Division Required Courses | | |
| HEA 280 | Orientation and Elementary Radiation Protection | 1 |

| | | |
|--|--|---|
| HEA 281 | Medical Terminology: Radiology | 1 |
| HEA 287 | Clinical Practicum I | 1 |
| Upper Division Required Courses | | |
| HEA 380 | Darkroom Chemistry and Techniques | 1 |
| HEA 381 | Patient Care Procedures Related to Radiology | 2 |
| HEA 382 | Principles of Radiographic Exposure | 3 |
| HEA 383 | Common Radiographic Procedures Using Contrast Media | 2 |
| HEA 384 | Topogr Anatomy & Position I | 3 |
| HEA 385 | Radiation Protection | 3 |
| HEA 387 | Clinical Practicum II | 3 |
| HEA 388 | Clinical Practicum III | 3 |
| HEA 480 | Radiological Physics | 2 |
| HEA 481 | Topographic Anatomy and Positioning II | 3 |
| HEA 482 | Special Radiographic Procedures | 2 |
| HEA 483 | Sub-Specialties in Radiology | 2 |
| HEA 485 | Departmental Administrative and Office Procedures, Computer Literacy | 1 |
| HEA 487 | Clinical Practicum IV | 1 |
| HEA 488 | Clinical Practicum V | 3 |
| HEA 489 | Clinical Practicum VI | 3 |
| HEA 499 | Senior Project Radiology | 1 |

Total Hours **41**

- Demonstrate competency in the application of communication and information technologies to discipline specific issues.
- Demonstrate proficiency in written and oral communication skills at a level commensurate with the standards of entry-level performance in the discipline.
- Apply communication theories to developing and implementing change strategies for targeted groups and populations.
- Apply theory to practice in research, planning, development, implementation, assessment, decision-making, and policy.
- Develop critical thinking and analytic skills through the logical design and systematic application of quantitative and qualitative approaches to planning and problem-solving.
- Demonstrate an understanding of professionalism and leadership qualities, through observation and self-reflection that are in keeping with acceptable moral, ethical, and legal principles.
- Analyze and address health issues and policies based on an integrated interdisciplinary approach, including the natural, behavioral, social and health sciences, and the humanities.
- Synthesize and apply knowledge from the natural, behavioral, social and health sciences, and humanities in addressing health issues from proactive and problem-solving perspectives.
- Apply theory to practice as change agents for the advancement of health, well-being, and social justice among diverse individuals, groups, and populations locally and globally.
- Demonstrate cultural competence in addressing health disparities among diverse populations in urban and rural settings locally and globally.

Community Health Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| HEA 201 | Healthcare Systems and Perspectives (Satisfies GE Area E) | 3 |
| ENG 110 or ENG 112 | Freshman Composition Accelerated (Satisfies GE Area A2) or Freshman Composition Supported | 3 |
| MAT 131 or MAT 132 or MAT 134 | Elementary Statistics and Probability (Satisfies GE Area B4) or Statistics and Probability with Support or Statistics & Probability - Supported | 3 |
| GE Area C1 Arts Courses | | 3 |
| Hours | | 12 |
| Spring | | |
| THE 120 | Fundamentals of Speech (satisfies GE Area A1 Oral Communications) | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| BIO 102 | General Biology (satisfies GE Area B2) | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B1 Physical Science | | 3 |
| BIO 103 | General Biology Laboratory (satisfies GE Area B3) | 1 |
| GE Area C2 Letters Course | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| Additional Course in GE Area C1 or C2 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Third Year | | |
| Fall | | |
| HEA 316 | Introduction to Epidemiology * | 3 |
| HEA 312 | Intro To Public Health * | 3 |
| HEA 314 | Health Behavior * | 3 |
| HEA 315 | Interpersonal Skills in Health Communication (Can be taken in any semester) | 3 |
| HEA 468 | Multicultural Health (satisfies GE Area D3) | 3 |
| Hours | | 15 |
| Spring | | |
| HEA 461 | Community Health Needs Assessment and Program Planning * | 3 |
| HEA 313 | Introduction to Biostatistics * | 3 |
| HEA 320 | Contemporary Health and Disease (can be take in any semester) | 3 |
| HEA 462 | Methods in Community Health Education | 3 |
| HEA 471 | Law, Ethics and Social Values in Healthcare (Can be taken in any semester) | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| HEA 463 | Health Program Implementation and Evaluation * | 3 |

| | | |
|---|---|------------|
| HEA 479 | Research Methods in Health Sciences * | 3 |
| HEA 466 | Environmental Health Problems (Satisfies GE Area B5) | 3 |
| HEA 467 | Health Policy Issues and Analysis (Can be taken in any semester) | 3 |
| HEA Elective (from list below; can be taken in any semester; courses are repeatable) ¹ | | 3 |
| ENG 350 or LBS 370 or WMS 490 or CHS 300 or IDS 490 or HIS 400 or BIO 490 or ENG 490 | Advanced Composition (or other GVAR satisfying course) or Multicultural Studies or Senior Capstone or Critical Issues in Chicana/Chicano Studies or Interdisciplinary Studies Senior Seminar or Proseminar in History or Senior Project or Seminar in Literature | 3 |
| Hours | | 18 |
| Spring | | |
| HEA 490 | Health Science Senior Seminar * | 3 |
| HEA 496 | Internship in Health Sciences * | 2 |
| HEA 497 | Internship Seminar * | 1 |
| HEA 464 | Health Educator as Community Resource and Advocate | 3 |
| HEA Elective (from list below; can be taken in any semester; courses are repeatable) ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

¹ ¹ Electives: HEA 300, HEA 319, HEA 465, HEA 477, HEA 495 (repeatable)
* Classes with * must be taken within that semester

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| HEA 201 | Healthcare Systems and Perspectives (satisfies GE Area E) * | 3 |
| HEA 316 | Introduction to Epidemiology * | 3 |
| HEA 312 | Intro To Public Health * | 3 |
| HEA 314 | Health Behavior * | 3 |
| HEA 315 | Interpersonal Skills in Health Communication (can be taken any semester) | 3 |
| Hours | | 15 |
| Spring | | |
| HEA 461 | Community Health Needs Assessment and Program Planning * | 3 |
| HEA 313 | Introduction to Biostatistics * | 3 |
| HEA 320 | Contemporary Health and Disease (can be taken any semester) | 3 |
| HEA 462 | Methods in Community Health Education | 3 |
| HEA 468 | Multicultural Health (satisfies GE Area D3) | 3 |
| HEA 471 | Law, Ethics and Social Values in Healthcare (can be taken in any semester) | 3 |
| Hours | | 18 |
| Second Year | | |
| Fall | | |
| HEA 463 | Health Program Implementation and Evaluation * | 3 |
| HEA 479 | Research Methods in Health Sciences * | 3 |
| HEA 466 | Environmental Health Problems (GE Area B5 Integrative Studies in Natural Sciences) | 3 |
| HEA 467 | Health Policy Issues and Analysis (can be taken in any semester) | 3 |
| HEA Elective (from list below; can be taken in any semester; courses are repeatable) ¹ | | 3 |

| | | |
|---|---|-----------|
| ENG 350 or LBS 370 or WMS 490 or CHS 300 or IDS 490 or HIS 400 or BIO 490 or ENG 490 | Advanced Composition (or other GVAR satisfying course) or Multicultural Studies or Senior Capstone or Critical Issues in Chicana/Chicano Studies or Interdisciplinary Studies Senior Seminar or Proseminar in History or Senior Project or Seminar in Literature | 3 |
| Hours | | 18 |
| Spring | | |
| HEA 490 | Health Science Senior Seminar * | 3 |
| HEA 496 | Internship in Health Sciences * | 2 |
| HEA 497 | Internship Seminar * | 1 |
| HEA 464 | Health Educator as Community Resource and Advocate | 3 |
| HEA Elective (from list below; Can be taken in any semester; courses are repeatable) ¹ | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 66 |

¹ ¹ Electives: HEA 300, HEA 319, HEA 465, HEA 477, HEA 495 (repeatable)
* Classes with * must be taken within that semester

Health Care Management Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| HEA 201 | Healthcare Systems and Perspectives (Satisfies GE Area E) | 3 |
| ENG 110 | Freshman Composition Accelerated (Satisfies GE Area A2) | 3 |
| MAT 131 or MAT 132 or MAT 134 | Elementary Statistics and Probability (Satisfies GE Area B4) or Statistics and Probability with Support or Statistics & Probability - Supported | 3 |
| GE Area C1 Arts Courses | | 3 |
| Hours | | 12 |
| Spring | | |
| THE 120 | Fundamentals of Speech (satisfies GE Area A1 Oral Communications) | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| ECO 210 | Economic Theory 1A Micro (satisfies GE area D2) | 3 |
| GE Area B2 Life Science | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B1 Physical Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C2 Letters Course | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| Additional Course in GE Area C1 or C2 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area F Ethnic Studies | | 3 |
| ACC 230 | Financial Accounting | 3 |

| | |
|--|------------|
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| HEA 318 Health Services Management * | 3 |
| HEA 312 Intro To Public Health (can be taken in any semester) | 3 |
| HEA 315 Interpersonal Skills in Health Communication (can be taken in any semester) | 3 |
| HEA 319 Leadership in Healthcare (can be taken in any semester) | 3 |
| HEA 468 Multicultural Health (satisfies GE Area D3) | 3 |
| Hours | 15 |
| Spring | |
| HEA 313 Introduction to Biostatistics * | 3 |
| HEA 472 Survey of Healthcare Finance * | 3 |
| HEA 467 Health Policy Issues and Analysis | 3 |
| HEA 471 Law, Ethics and Social Values in Healthcare (Can be taken in any semester) | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Elective to meet 120 units | 2 |
| Hours | 17 |
| Fourth Year | |
| Fall | |
| HEA 478 Strategic Management in Health Care * | 3 |
| HEA 479 Research Methods in Health Sciences * | 3 |
| HEA 469 Management Sciences in Healthcare Organizations * | 3 |
| HEA 466 Environmental Health Problems (satisfies GE Area B5) | 3 |
| HEA 477 Long-Term Care Administration (can be taken in any term) | 3 |
| ENG 350 Advanced Composition (or other GVAR satisfying course) or LBS 370 or Multicultural Studies or WMS 490 or Senior Capstone or CHS 300 or Critical Issues in Chicana/Chicano Studies or IDS 490 or Interdisciplinary Studies Senior Seminar or HIS 400 or Proseminar in History or BIO 490 or Senior Project or ENG 490 or Seminar in Literature | 3 |
| Hours | 18 |
| Spring | |
| HEA 490 Health Science Senior Seminar * | 3 |
| HEA 496 Internship in Health Sciences * | 2 |
| HEA 497 Internship Seminar * | 1 |
| HEA 476 Managing Health Information Systems (can be taken in any semester) | 3 |
| HEA Elective (from list below; can be taken in any semester; courses are repeatable) ¹ | 3 |
| Hours | 12 |
| Total Hours | 120 |

¹ ¹ Electives: HEA 316, HEA 465, HEA 495 (repeatable), HEA 320 (if BIO 102 completed)
* Classes with * must be taken within that semester

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-------------------|--|-------|
| First Year | | |
| Fall | | |
| HEA 201 | Healthcare Systems and Perspectives (satisfies GE Area E) * | 3 |
| HEA 318 | Health Services Management * | 3 |
| HEA 312 | Intro To Public Health (can be taken in any semester) | 3 |
| HEA 315 | Interpersonal Skills in Health Communication (can be taken any semester) | 3 |

| | | |
|---|--|-----------|
| HEA 468 | Multicultural Health (satisfies GE area D3) | 3 |
| Hours | Hours | 15 |
| Spring | | |
| HEA 313 | Introduction to Biostatistics * | 3 |
| HEA 472 | Survey of Healthcare Finance * | 3 |
| HEA 319 | Leadership in Healthcare | 3 |
| HEA 467 | Health Policy Issues and Analysis | 3 |
| HEA 471 | Law, Ethics and Social Values in Healthcare (can be taken in any semester) | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | Hours | 18 |
| Second Year | | |
| Fall | | |
| HEA 478 | Strategic Management in Health Care * | 3 |
| HEA 479 | Research Methods in Health Sciences * | 3 |
| HEA 469 | Management Sciences in Healthcare Organizations * | 3 |
| HEA 466 | Environmental Health Problems (satisfies GE Area B5) | 3 |
| HEA 477 | Long-Term Care Administration (can be taken in any semester) | 3 |
| ENG 350 | Advanced Composition (or other GVAR satisfying course) or LBS 370 or Multicultural Studies or WMS 490 or Senior Capstone or CHS 300 or Critical Issues in Chicana/Chicano Studies or IDS 490 or Interdisciplinary Studies Senior Seminar or HIS 400 or Proseminar in History or BIO 490 or Senior Project or ENG 490 or Seminar in Literature | 3 |
| Hours | Hours | 18 |
| Spring | | |
| HEA 490 | Health Science Senior Seminar * | 3 |
| HEA 496 | Internship in Health Sciences * | 2 |
| HEA 497 | Internship Seminar * | 1 |
| HEA 476 | Managing Health Information Systems (can be taken in any semester) | 3 |
| HEA Elective (from list below; Can be taken in any semester; courses are repeatable) ¹ | | 3 |
| Hours | Hours | 12 |
| Total Hours | Total Hours | 63 |

¹ ¹ Electives: HEA 316, HEA 465, HEA 495 (repeatable), HEA 320 (if BIO 102 completed)
* Classes with * must be taken within that semester

Radiologic Technology Option 4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HEA 201 | Healthcare Systems and Perspectives (satisfies GE Area E) | 3 |
| Hours | Hours | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 131 | Elementary Statistics and Probability (satisfies GE Area B4) | 3 |
| GE Area C or D | | 3 |

| | | |
|--|--|------------|
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| CSC 101 Intro to Computer Education | | 3 |
| HIS 101 History Of United States | | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 14 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| BIO 250 Elem Hum Anat & Physiol | | 3 |
| BIO 251 Elem Hum Anatomy Phys Lab | | 1 |
| POL 101 American Institutions | | 3 |
| Hours | | 13 |
| Third Year | | |
| Fall | | |
| HEA 280 Orientation and Elementary Radiation Protection | | 1 |
| HEA 281 Medical Terminology: Radiology | | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| HEA 481 Topographic Anatomy and Positioning II | | 3 |
| HEA 482 Special Radiographic Procedures | | 2 |
| HEA 487 Clinical Practicum IV | | 1 |
| HEA 488 Clinical Practicum V | | 3 |
| HEA 499 Senior Project Radiology | | 1 |
| Hours | | 15 |
| Spring | | |
| HEA 383 Common Radiographic Procedures Using Contrast Media | | 2 |
| HEA 384 Topgr Anatomy & Position I | | 3 |
| HEA 388 Clinical Practicum III | | 3 |
| Major Elective | | 3 |
| GE area B5 Natural Science or GE area D3 Social Science | | 3 |
| ENG 350 Advanced Composition (GWAR satisfying course) | | 3 |
| Hours | | 17 |
| Fourth Year | | |
| Fall | | |
| HEA 385 Radiation Protection | | 3 |
| GE area B5 Natural Science or GE area D3 Social Science | | 3 |
| HEA 481 Topographic Anatomy and Positioning II | | 3 |
| HEA 482 Special Radiographic Procedures | | 2 |
| HEA 487 Clinical Practicum IV | | 1 |
| HEA 488 Clinical Practicum V | | 3 |
| HEA 499 Senior Project Radiology | | 1 |
| Hours | | 16 |
| Spring | | |
| HEA 479 Research Methods in Health Sciences | | 3 |
| HEA 480 Radiological Physics | | 2 |
| HEA 483 Sub-Specialties in Radiology | | 2 |
| HEA 485 Departmental Administrative and Office Procedures, Computer Literacy | | 1 |
| HEA 489 Clinical Practicum VI | | 3 |
| HEA 499 Senior Project Radiology | | 1 |
| Major Elective | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| HEA 280 | Orientation and Elementary Radiation Protection | 1 |
| HEA 281 | Medical Terminology: Radiology | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| HEA 287 | Clinical Practicum I | 1 |
| HEA 380 | Darkroom Chemistry and Techniques | 1 |
| HEA 381 | Patient Care Procedures Related to Radiology | 2 |
| HEA 382 | Principles of Radiographic Exposure | 3 |
| HEA 387 | Clinical Practicum II | 3 |
| Hours | | 15 |
| Spring | | |
| HEA 383 | Common Radiographic Procedures Using Contrast Media | 2 |
| HEA 384 | Topgr Anatomy & Position I | 3 |
| HEA 388 | Clinical Practicum III | 3 |
| Major Elective | | 3 |
| GE area B5 Natural Science or D3 Social Science | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| HEA 385 | Radiation Protection | 3 |
| GE area B5 Natural Science or D3 Social Science | | 3 |
| HEA 481 | Topographic Anatomy and Positioning II | 3 |
| HEA 482 | Special Radiographic Procedures | 2 |
| HEA 487 | Clinical Practicum IV | 1 |
| HEA 488 | Clinical Practicum V | 3 |
| HEA 499 | Senior Project Radiology | 1 |
| Hours | | 16 |
| Spring | | |
| HEA 479 | Research Methods in Health Sciences | 3 |
| HEA 480 | Radiological Physics | 2 |
| HEA 483 | Sub-Specialties in Radiology | 2 |
| HEA 485 | Departmental Administrative and Office Procedures, Computer Literacy | 1 |
| HEA 489 | Clinical Practicum VI | 3 |
| HEA 499 | Senior Project Radiology | 1 |
| Major Elective | | 3 |
| Hours | | 15 |
| Total Hours | | 63 |

Health Science, Master of Science Orthotics and Prosthetics Option (64-66 units)

Orthotics and prosthetics (O&P) is a specialized healthcare profession, that combines a unique blend of clinical and technical skills to care for patients who have neuromuscular and musculoskeletal disorders and/or patients who have a partial or total absence of a limb. Orthotists and Prosthetists provide treatment that allows these individuals to lead active and independent lives by utilizing the most up-to-date technology, evidence-based medicine, and enhanced fabrication skills while collaborating with healthcare team members to create unique treatment plans that address each user's specific needs for mobility and integration. This work requires substantial clinical and technical judgment.

The principles of biomechanics, pathomechanics, gait analysis, kinesiology, anatomy, and physiology are crucial to the practitioner's ability to provide comprehensive patient care and a positive clinical outcome. Patient assessment, treatment, and education are part of the practitioner's responsibility and require collaborative communication skills.

In addition to performing orthotic and prosthetic procedures, orthotists and prosthetists are involved in clinical decision-making and patient education. The scope of practice for the orthotist and prosthetist includes, but is not limited to:

- Patient Assessment – Perform a comprehensive assessment of the patient to obtain an understanding of the patient's orthotic/prosthetic needs, cultural needs, and societal needs.
- Formulation of the treatment plan – Create a comprehensive orthotic/prosthetic treatment plan to meet the specific needs and goals of each patient.
- Implementation of the treatment plan – Perform the necessary procedures to deliver the appropriate orthotic/prosthetic services, which include fabrication of the devices required.
- Follow-up treatment plan – Provide continuing patient care and periodic evaluation to assure/maintain/document optimal fit and function of the orthosis/prosthesis.
- Practice management – Develop, implement, and/or monitor policies and procedures regarding human resource management, physical environment management, business/financial management, and organizational management.
- Promotion of competency and enhancement of professional practice – Participate in personal and professional development through continuing education, training, research, and organizational affiliations.

Program: The Masters of Science in O&P program is a cohort-based, 20-month program. Our program boasts a remarkable forty-year history of cultivating competent and highly skilled practitioners, who swiftly receive recognition for their advanced clinical abilities upon graduation. One of CSUDH's primary strengths lies in its emphasis on real-world, hands-on clinical experiences, coupled with face-to-face instruction and close mentorship with clinical faculty. With an 8 to 1 student-to-faculty ratio, we ensure an optimal learning environment for our students, complemented by 500 hours of external preceptor work to further enhance their competencies.

Our graduates' success rate is exceptional, consistently surpassing the national salary average, with a high number of residencies offered immediately after completion of the program. We firmly believe that preparing our graduates to be productive during their residency outweighs the notion of paying to gain experience. Instead, we prioritize equipping our students with the skills and expertise necessary to excel in their professional careers, setting them on a path of success from the outset. Consequently, our students are well compensated for the clinical knowledge they possess, and they can promptly begin their national board exams following graduation.

Academic Advisement

Interested students should contact the Orthotics and Prosthetics department at (562) 735-3300 or the School of Public Health and Health Sciences at (310) 243-2698 or visit <https://www.csudh.edu/oandp> (<https://www.csudh.edu/oandp/>) for program specific details, application, and additional information.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine after admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from the American Board of Certification in Orthotics, Prosthetics, and Pedorthics <https://www.abcop.org/>.

Admission Requirements

The Prerequisites and Admission Requirements conform to CSUDH standards, and the *Standards and Guidelines for the Accreditation of Educational Programs in Orthotics and Prosthetics*, published by the National Commission on Orthotic and Prosthetic Education (NCOPE):

To be eligible for consideration, an applicant must meet the following minimum requirements:

1. A bachelor's degree, from an accredited college or university, preferably in an allied health, engineering, or health-related major.
2. A GPA of 2.75 or above in the last 60 semesters or 90 quarter units of upper-division coursework from any accredited college or university may apply.
3. **A minimum of 40 hours of volunteer work is recommended prior to admission.** Experience in an O&P facility using hand tools, light-duty power equipment, and knowledge of materials used in Orthotics and Prosthetics is an important selection criterion. The virtual experience will continue to be accepted for the current admissions cycle including online support group meetings, virtual conference attendance, or other online workshops, **HOWEVER**, a preference will be given for in-person volunteer hours.
4. Successful completion of all orthotic and prosthetic prerequisite courses with a grade of "B" or better. The prerequisites are listed in the requirements in the CSUDH M.S. in Orthotics and Prosthetics Prerequisites and Admission web page.
5. International students, please refer to the criteria for English Language Proficiency set by the CSUDH Office of International Education.

<https://www.csudh.edu/ceie-intl/intl-student-info/future-students/english-proficiency/>

Admission Procedures

Refer to the CSUDH MSOP Application web page for the application links and current instructions. <https://www.csudh.edu/oandp/msop-option/application/>

Program applications are due by February 1, for a Fall Semester program start.

Applicants who prefer to only apply to the MSOP Program at CSUDH can utilize our no-cost Program Application and submit it directly to the O&P admissions committee.

Applicants who would like to utilize a central application system can submit an application directly to the National Commission for Orthotics and Prosthetics Common Application System: <https://ncope.org/index.php/home-page-v2/academic-programs/the-orthotic-prosthetic-profession/opcas/>

Required material for either Direct or OPCAS application:

1. Official transcripts
2. List prerequisite course completion with grades.
3. List relevant experiences.
4. Complete the Personal Statement.
5. Complete the Reflection on your experience in an O&P facility.
6. Submit the 40-Hour O&P Observation Experience form.

Upon successful review of the completed application candidates will be invited to be interviewed by the admissions panel consisting of orthotics and prosthetics faculty with an admissions decision following soon after.

Upon admittance to the program applicants must submit a complete graduate admission application to the California State University system at calstate.edu/apply (<http://calstate.edu/apply/>).

Please note: Application deadlines are subject to change without notice. Check with the O&P Program for the deadlines of the current

Program Requirements

Students must complete the program with an average GPA of at least 3.0. All other university requirements for the master's degree in this University Catalog must be met (see the Graduate Degrees and Post Baccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>) section of the University Catalog).

All graduate students are required to satisfy the Graduation Writing Assessment Requirement (GWAR) established policies of the University as described in the Graduate Studies section of the University Catalog. Upon completion of the second semester after admission, or 15 units of approved coursework, the student must complete the Graduation Advisement and Advancement to Candidacy Form.

Advancement to Candidacy

Advancement to candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon advancement to candidacy, the student is cleared for the final stages of the graduate program which, in addition to any remaining course work, will include the thesis or project.

The following are the requirements for Advancement to Candidacy:

- A minimum of 15 resident units.
- Classified standing.
- Successful completion of GWAR requirement.
- A cumulative GPA of 3.0 in all courses taken as a graduate student.
- No grade lower than a "C" in the degree program

- Completion of the Graduation Advisement and Advancement to Candidacy Form in consultation with the graduate coordinator; and
- Apply for graduation and pay graduation fees.

Capstone Activities

Degree students must complete a series of comprehensive exams/activities. The Capstone Activities involve creative application of theory and practice with real life clients who require orthotic or prosthetic intervention. The comprehensive exams are given over a 4-week period. They involve patient interaction and treatment, laboratory practical, written simulation, oral defense, gait analysis and written exams. Failure to achieve a passing score, after the third attempt, will result in a dismissal from the program.

Incomplete Courses

Students will not be permitted to enroll in new courses if they have two or more incomplete courses on their record. All other university rules about incomplete courses also apply.

Location and Registration

The CSUDH Orthotic and Prosthetic program is housed off-site at the CSUDH O&P Education Center in Los Alamitos, CA. All courses within the MSOP program are currently offered at the O&P Center which is 13 miles south of the main CSUDH campus.

Prerequisites and Course Requirements

The Prerequisites and Course Requirements conform to the Standards and Guidelines for the Accreditation of Educational Programs in Orthotics and Prosthetics, published by the National Commission on Orthotic and Prosthetic Education (NCOPE):

The prerequisite course must be College-level courses with a minimum of a 'C' grade:

- Biology/Life Sciences
- Chemistry
- Physics
- Human Anatomy & Physiology
- Psychology
- Statistics

The GRE is recommended but not required.

In addition, the following courses are recommended but not required:

- Ethics
- Developmental or Abnormal Psychology

Requirements

| Code | Title | Hours |
|-------------------------------|--|-------|
| Upper Division Courses | | |
| HEA 445 | Material Science and Laboratory Skills | 2 |
| HEA 455 | Applied Anatomy | 1 |
| Core Courses | | |
| HSC 501 | Advanced Research Methods in Health Science | 1-3 |
| HEA 508 | Clinical Pathology for Orthotics and Prosthetics | 3 |
| HEA 516 | Clinical Evaluation Tools in Orthotics and Prosthetics | 2 |

| | | |
|--|---|--------------|
| HEA 535 | Practice Management for Orthotics and Prosthetics | 1 |
| HEA 536 | Psychological Aspects of Disability | 1 |
| HEA 545 | Normal Gait and Biomechanics of Movement | 2 |
| HEA 547 | Gait Analysis and Pathomechanics for O & P | 1 |
| HEA 580 | Applied Technologies in Orthotics and Prosthetics | 1 |
| HSC 598 | Directed Research | 1 |
| Clinical Courses | | |
| HEA 435 | Orthotics Soft Goods Fitters Course | 1 |
| HEA 540 | Orthotic Management of the Upper Limb | 3 |
| HEA 541 | Orthotic Management of the Lower Limb I | 4 |
| HEA 542 | Orthotic Management of the Lower Limb II | 5 |
| HEA 544 | Orthotic Management of the Spine | 4 |
| HEA 551 | Prosthetic Management of the Upper Limb | 3 |
| HEA 552 | Prosthetic Management of the Lower Limb I | 4 |
| HEA 554 | Prosthetic Management of the Lower Limb II | 5 |
| Clinical Rotation | | |
| Complete Clinical Rotation courses including the following: ¹ | | 9-11 |
| HEA 596 | Clinical Practicum in Orthotics and Prosthetics | |
| Capstone Activities | | |
| HEA 592 | Subspecialties in Orthotics and Prosthetics | 2 |
| HEA 593 | Culminating Activity in Orthotics and Prosthetics | 3 |
| Total Hours | | 59-63 |

¹ 9 units required, 2 units optional.

The following **Program Level Outcomes** (PLOs) have been established as overarching educational objectives, and are responsive to the demonstrated needs of the O&P Program's communities of interest; including patients, the patient's families, referring physicians, therapists, and other healthcare providers, insurance companies, employers, and various governmental entities.

At the conclusion of the Orthotic and/or Prosthetic Programs at CSUDH, the student will demonstrate the ability to:

1. Perform a comprehensive assessment of the patient to obtain an understanding of the patient's orthotic/prosthetic needs.
2. Formulate a comprehensive orthotic/prosthetic treatment plan by analyzing and integrating information from patient assessment to meet the needs and goals of the patient.
3. Implement the prescribed orthotic/prosthetic treatment plan by performing the necessary procedures to deliver the appropriate orthotic/prosthetic services, including fabrication.
4. Follow up the treatment plan by providing continuing patient care and periodic evaluation to assure/maintain/document optimal fit and function of the orthosis/prosthesis.
5. Practice management effectively by developing, implementing, and/or monitoring policies and procedures regarding human resources, the physical environment, business and financial practices, and organizational management.
6. Promote competency and enhance professional practice by participating in personal and professional development through

continuing education, training, evidence-based research, and organizational affiliations.

7. Maintain a safe and secure laboratory and clinical environment on behalf of O&P patients, while ensuring structural safety, comfort, fit and patient understanding about the use and maintenance of the orthosis/prosthesis.

8. Utilize Universal Precautions and Personal Protective equipment in compliance with OSHA's Hazard Communication and Bloodborne Pathogen rulings.

9. Practice relationship-centered, culturally sensitive care with individuals and families during all phases of O&P interaction, with psycho-social awareness of patients' age, educational status, economic status, and social support.

10. Work in interdisciplinary teams during interaction with patients, peers, colleagues, supervisors, and other health team members.

11. Exhibit ethical behavior in all professional activities during interaction with patients, peers and colleagues, teachers and supervisors, and health team members/affiliates.

12. Provide evidence-based, clinically competent care by applying knowledge from theory, research, new sciences, and foundation courses such as kinesiology, anatomy, biomechanics, gait, and material science to the practice of orthotics/prosthetics.

13. Articulate how the theoretical concepts learned within the didactic coursework are exemplified in clinical settings in the domains of patient evaluation, formulation of the treatment plan, follow-up, documentation, communication, and business management functions.

Academic Advisement

Interested students should contact the Orthotics and Prosthetics department at (562) 735-3300 or the School of Public Health and Health Sciences at (310) 243-2698 or visit <https://www.csudh.edu/oandp> (<https://www.csudh.edu/oandp/>) for program specific details, application, and additional information.

Health Science, Minor

The minor in Health Science is designed for students majoring in another field that can be strengthened with a solid background in health science.

The minor in Health Science is designed for students majoring in another field that can be strengthened with a solid background in health science.

Requirements

| Code | Title | Hours |
|---|--|-------|
| Lower Division Required Courses | | |
| HEA 201 | Healthcare Systems and Perspectives | 3 |
| Upper Division Required Courses | | |
| Select four courses from the following: | | 12 |
| HEA 312 | Intro To Public Health | |
| HEA 313 | Introduction to Biostatistics | |
| HEA 314 | Health Behavior | |
| HEA 315 | Interpersonal Skills in Health Communication | |
| HEA 316 | Introduction to Epidemiology | |
| HEA 318 | Health Services Management | |

| | |
|---------|-------------------------------------|
| HEA 319 | Leadership in Healthcare |
| HEA 466 | Environmental Health Problems |
| HEA 467 | Health Policy Issues and Analysis |
| HEA 468 | Multicultural Health |
| HEA 470 | Legal Issues in the Health Sciences |
| HEA 474 | Health Care Ethics |
| CLS 308 | Pathophys for Hlth Professions |

Total Hours**15**

History

College of Arts and Humanities
Department of History

Program Description

History as an academic and professional discipline continually looks for the best ways to help us understand times, people, and places very different from our own. It also provides tools to identify and analyze the processes of historical development that have shaped the world we live in today. One cannot understand the present without carefully studying the past.

The CSUDH History Department offers three degree programs: a 45-unit History Bachelor of Arts (<https://www.csudh.edu/history/program/traditional-degree-option/>), a 63-unit Bachelor of Arts History/Social Science Education Option (<https://www.csudh.edu/history/program/education-degree-option/>), and a 15-unit History minor. Students in both major degree programs complete two lower-division, pre-requisite courses in world history before attaining upper-division status. These courses introduce students to the patterns of change and continuity that shaped ancient, classical, post-classical and modern societies as they learn how historians find and evaluate evidence. Upper-division courses study specific eras and topics in greater depth. Students in both major programs complete a sequence of disciplinary methods courses (HIS 300 Theory and Practice of History, HIS 400 Proseminar in History, and HIS 490 Senior Seminar in History), in which they learn the skills necessary to engage in independent historical inquiry. HIS 400 and HIS 490 students are cohorted for completion of a two-semester research project. The 45-unit Bachelor of Arts degree program is designed to allow students maximum flexibility to tailor their course of study to their interests and needs; the 63-unit History Education Option is recommended for students interested in teaching history and social science in grades 7-12. Education Option majors complete an additional four lower-division and three upper-division requisite courses outside of History to fulfill California Teaching Commission requirements for subject-matter competency in History/Social Sciences. Completion of the Education Option degree with a GPA of 2.85 or better, a "C" or better in all courses, satisfies the California Teacher Credentialing Commission's subject matter competency requirement, enabling graduates to enter post-baccalaureate teacher credential programs without completing the California Subject Examinations for Teachers (CSET) exam in social science. To earn a minor in History, students complete fifteen units by taking five upper-division electives.

Academic Advisement

To facilitate student attainment of academic and career goals, the History Department requires all majors to meet with a faculty advisor (<https://www.csudh.edu/history/advising/>) each semester prior to class registration. Faculty advisors provide students with information about departmental requirements, course availability, coursework expectations,

internship and scholarship opportunities, and career options. Students are also strongly encouraged to consult with an advisor before applying for graduation. Faculty mentors also help students prepare for graduate work in history, education, and other related fields.

Student Life

The Department hosts two student organizations: the CSUDH History Club (<https://www.instagram.com/csudhhistoryclub/channel/>), a student organization open to all CSUDH students, and local chapter of Phi Alpha Theta, the national honor society for history majors. The CSUDH Tau Epsilon chapter of Phi Alpha Theta (<https://www.csudh.edu/history/our-students/pat/>) promotes the study of history through the encouragement of research, good teaching, publication, and the exchange of learning and ideas among historians.

The Department sponsors two annual scholarship programs for history majors: the Jack T. Kilfoil Scholarship, and the Pamela D. Emerson Environmental and Social Justice Scholarship (<https://www.csudh.edu/history/scholarships/>). Each academic year, students also have two opportunities to publish their work in *The Toro Historical Review*, the undergraduate journal of the CSUDH History Department.

Career Possibilities

The study of history emphasizes not only the acquisition of knowledge about a diverse range of global societies, it also develops transferable professional skills and a commitment to civic engagement. It thus prepares undergraduates for a wide range of career opportunities. According to a recent study by the American Historical Association, students who earn Bachelor's degrees in history work in a variety of fields, including education (as teachers and administrators), management, law, government, the non-profit sector, libraries, museums, and archives.

Approximately half of those who earn Bachelor's degrees in history go on to earn Master's degrees, professional degrees in related fields, or a Ph.D. Again, students who are preparing for a career teaching social science in grades 7-12 are encouraged to enroll in the History/Social Science Education Option. Completion of this degree option is the first step toward meeting the state's requirements for a teaching credential.

Department advisors regularly provide students with information about both career resources on campus and opportunities for study abroad, internships, and scholarships.

Undergraduate Programs

Bachelor

- History, Bachelor of Arts (p. 596)

Minor

- History, Minor (p. 600)

Graduate Programs

Subject Matter Preparation

- Specific History Subject Matter Authorization (p. 600)

Faculty

Laura Talamante, Department Chair

Faculty advisors: Kate Fawver, Joshua Jeffers, Andrea Johnson, Christopher Monty, Bianca Murillo, Daniel Santana, Kerry Shannon.

Faculty lecturers: Thomas Alvarez, Ryan Archibald, Michael Block, Michael Desrochers, Brian Kovalesky, William O'Mara IV, Anne Reid, Kirsten Resnick, Sun-Hee Yoon.

Staff

Academic Support Coordinator, Raúl Rubio

Department Office: LCH A-342, (310) 243-3328

Emeriti Faculty

Enrique Cortes, Judson A. Grenier, Donald Teruo Hata, Nancy Hollander, Howard Holter, James Jeffers, Donald A. MacPhee, Linda Pomerantz, Frank Stricker, Lynne Loeb, Clement Okafor Udeze.

Courses

HIS 101. History Of United States. (3 Units)

A study of the ideals, creeds, institutions, and behavior of the peoples of the United States . Meets the State requirement in U.S. History.

Offered Fall, Spring, Summer, All terms

HIS 120. World History I. (3 Units)

Explores the early development of societies around the world and their increasing interactions to 1500. Reviews the rise of cities and empires, and major political, social, economic and cultural developments prior to the modern period.

Offered Fall, Spring

HIS 121. World History II. (3 Units)

Explores the regional and global interactions and exchanges that have shaped the world since 1500. Treats the major demographic, socio-economic, cultural and political patterns and changes that distinguish the modern period in world history.

Offered Fall, Spring

HIS 300. Theory and Practice of History. (3 Units)

Introduces students to the theory and practice of history. Explores the major philosophies of history and reviews current trends in the field. Introduces students to disciplinary research, thinking and writing skills, including the use of library resources, the analysis and interpretation of primary and secondary sources, the forms of disciplinary composition, and documentation standards.Â

Offered Fall, Spring

HIS 301. Individual, Family, and Community in Historic Perspective. (3 Units)

Concentrates upon factors that contribute to shaping of individual, family, community, and regional history. Emphasis upon personal histories and individual relationships to immediate environment. Includes ethnic settlements, historic sites, oral histories, generations.

Offered Fall, Spring

HIS 302. Practicum In Applied History. (3 Units)

Offered Fall, Spring

HIS 305. World History for Teachers. (3 Units)

Prerequisite: HIS 120 and HIS 121 are required. Topics in world history is taught in grades 6, 7 and 10 in California schools. Emphasizes growth of world history as a field, regional and global patterns of continuity and change, and cross-cultural exchange as a source of historical development.

Offered Fall

HIS 310. The Ancient World. (3 Units)

The survey of the history of the ancient world with emphasis on the earliest civilizations of the Near East, classical Greece , and the rise and fall of the Roman Empire.

Offered Fall

HIS 311. Medieval Europe. (3 Units)

Europe from the decline of Rome in the West to the fourteenth century. Political, economic, institutional, religious, and cultural changes. The fortunes of Empire and Papacy, early Islam, the Byzantine Empire, and the renaissance of the twelfth century.

Offered Infrequent

HIS 312. Renaissance and Reformation. (3 Units)

The Italian Renaissance through the Thirty Years' War; the rise of national states, the Protestant revolt, the Counter-Reformation, the hegemony of Spain, and the attendant commercial revolution of the Atlantic World.

Offered Spring

HIS 313. The Age of Absolutism and Enlightenment. (3 Units)

Course examines the African American experience from African slave trade through emancipation. Themes include the Atlantic Slave Trade; slavery and slave resistance; the emergence of African American culture; free black communities; black abolitionism; and black participation in the military.

Offered Fall

HIS 314. Emergence Modern Europe. (3 Units)

The dissolution of traditional societies in Europe and the emergence of modern ideology, from the Enlightenment through the French and Industrial revolutions to the period of internal strife and power politics at the end of the 19th century.

Offered Fall

HIS 315. 20th Century Europe. (3 Units)

The formation of present-day Europe amid continued industrialization, war, social and political ferment from the opening of the century to the present.

Offered Spring

HIS 318. History of Medieval Russia. (3 Units)

Prerequisites: HIS 120 and HIS 121 are recommended. This course surveys the history of Russia from the founding of Kievan Rus' to the end of the seventeenth century. Topics include migrations of the Eastern Slavs; state formation; Russia under the Golden Horde; the history of Tsardom of Muscovy.

Offered Fall

HIS 319. History of Imperial Russia, 1689-1917. (3 Units)

Prerequisite: HIS 121 is recommended. This course surveys the history of Russia from 1689 to the Russian Revolution. Topics include the impact of Peter the Great; imperial responses to revolution, nationalism, and industrialization; the birth of the Russian intelligentsia; and the origins of the Revolution.

Offered Spring

HIS 320. History of the USSR and Post-Soviet Russia. (3 Units)

Prerequisite: HIS 121 is recommended. This course explores Russian history from 1917 to the present. Major topics include the origins of the Revolution; the rise of Bolshevism; the Russian Civil War; Stalinism; World War II; post-Stalin reforms; the dissolution of the USSR; and major Post-Soviet developments.

Offered All terms, Fall

HIS 330. US Colonial Period. (3 Units)

The discovery, founding and expansion of colonial settlements to 1740. The relation of European institutions and plans to American ideas, experience, and reality.
Offered Fall

HIS 331. United States: Revolutionary and Constitutional Period. (3 Units)

Evolution of the revolutionary movement in the North American colonies. Anglo-American imperial problems, culminating in the Confederation period and the drafting of the American Constitution, 1740 to 1789.
Offered Spring

HIS 332. US Early National Period. (3 Units)

A study of the national experience from the Constitution through the era of sectional conflict. Includes expansion of the Union westward, the emergence of a national character, and sectional rivalries leading to conflict at mid-century.
Offered Spring

HIS 333. United States: Civil War and Reconstruction. (3 Units)

Social, political, and economic origins of sectionalism and breakup of the Union; military campaigns and the home front in wartime; reconstruction in the South. Focus on the years 1849-1877 and their legacy to later generations.
Offered Fall

HIS 334. Emergence of Modern America. (3 Units)

The triumph of the industrial revolution in the post-Civil War period and the response of agrarian and progressive protest. The rise of the United States to world power and involvement in international affairs prior to World War I.
Offered Fall

HIS 335. United States: War and Depression. (3 Units)

Major developments in American life and institutions from the beginning of World War I to the end of World War II. Consideration of the social, economic, and political implications of prosperity, depression, and two world wars.
Offered Fall

HIS 336. United States: Recent Period. (3 Units)

Major developments in American life and institutions since World War II. Consideration of domestic politics from Truman to Reagan, effects of mass technology, the civil rights struggle, and confrontations with the communist world.
Offered Spring

HIS 340. American West. (3 Units)

Evaluates successive American wests from the pre-Columbian era to the present. Major themes include the Turner thesis, socio-economic, cultural, and political consequences of American colonization, and ways in which women, African Americans, Hispanics, and American Indians shaped the American West.
Offered Infrequent

HIS 341. California. (3 Units)

The social, political, and cultural history of California, from the period of Spanish exploration to the present; emphasis on adjustments of differing ethnic groups.
Offered Fall, Spring

HIS 342. Native American History. (3 Units)

Prerequisite: HIS 101 OR Equivalent. Survey of Native American history from the pre-contact period to the present. Examines Native histories and cultures, inter-tribal relations, European colonial and U.S. federal Indian policies, identity policies, tribal sovereignty, and modern self-determination movements.
Offered All terms, Fall

HIS 343. African American History from Africa to Reconstruction. (3 Units)

Traces principle economic, political and social trends in Latin America, post-independence. Considers the wide variety of local, regional, and national responses to questions about modernity, development, and social justice. Special attention paid to issues of class, race and gender.
Offered Infrequent

HIS 344. African American History: Reconstruction to the Present. (3 Units)

Course explores African American history from Emancipation to the present. Themes include Reconstruction; the Great Migration; the Harlem Renaissance; the Great Depression; the New Deal; World War II; the Civil Rights Movement; the Black Power Movement; and contemporary racial politics.
Offered Infrequent, All terms

HIS 345. History of the Mexican American People I. (3 Units)

Mexican American life to 1900, stressing the evolution of economic and political thought, social institutions, and cultural expressions.
Offered Infrequent

HIS 346. History of the Mexican American People II. (3 Units)

The Mexican American's contributions to the building of the Southwest; the clash between Mexicans and North Americans; the emergence of the urban Mexican American.
Offered Infrequent

HIS 348. Labor In American Society. (3 Units)

The role of labor in the political, economic, and social life of the U.S. , including growth of organized labor, rival ideologies, legal decisions, and contributions of various ethnic groups, from the colonial period to the present.
Offered Spring

HIS 352. Topics in United States Foreign Relations History. (3 Units)

Prerequisite: HIS 101 or equivalent is required. Topics in United States foreign relations history. Courses emphasize interaction of strategic, political, economic and cultural factors in policy making and implementation, as well as, impact of major international events on American and global society, economy, and government.
Offered Fall

HIS 353. Terrorism and Totalitarianism. (3 Units)

Prerequisite: HIS 121 is required. Introduction to history, definitions, tactics, uses, philosophical and socio-political origins of terrorism and terrorist organizations, and to political systems such as fascism and Marxism which have adopted elements of terrorism as a means of controlling populations and the political process.
Offered Infrequent

HIS 354. History of American Immigration. (3 Units)

Historical trends, movements, and patterns of global immigration to the United States . Topics of study include: motives for immigration; anti-immigration sentiments and activities; legal and political responses; role of distinctive cultural groups; assimilation and nonconformity.
Offered Spring

HIS 355. American Civil Rights History. (3 Units)

Prerequisite: ENG 110 or ENG 108/109 is required. Junior status is required. Covers the long history of civil rights in the United States from the antebellum to the present with special emphasis on the non-violent movements of the Cold War era.
Offered Fall, Spring

HIS 356. American Environmental History: American Environment from Pre-Contact (prior to 1500) to the Present. (3 Units)

Prerequisite: HIS 101 is required. Explores the environmental history of the continental United States from the pre-contact period (prior to 1500) to the present. Examines how humans have altered the American environment and how environmental factors have shaped the course of American history.
Offered Fall

HIS 360. African History to the 1880's. (3 Units)

African historiography and history to the 1880's, covering themes such as human origins, environment, trade, cultural exchanges and migrations in the Indian Ocean, Mediterranean and Atlantic Worlds, and Arab/Asia/European conquest and settlement in shaping diverse societies.
Offered Infrequent

HIS 361. African History from the Colonial Era to the Present. (3 Units)

African history from the 1180's to the present, including topics on European conquest, the invention of tribalism, and the creation of new settler states, nationalist movements leading to independence, and the challenges faced by post-colonial states.
Offered Infrequent

HIS 362. Traditional China. (3 Units)

The origins and evolution of Chinese civilization and the influence of China on East Asia prior to the 19th century Western impact.
Offered Infrequent

HIS 363. Modern China. (3 Units)

China from 1840 to the present. Western impact on traditional China and the Chinese response. Analysis of attempts to modernize China. A history of the Chinese communist movement since 1921. Society, politics and culture of the People's Republic of China focusing on the era of Mao Zedong (1949-1976).
Offered Infrequent

HIS 364. Traditional Japan. (3 Units)

Origins and evolution of Japanese social, cultural, intellectual, and political traditions until the 19th Century Western impact. Foundation for comparison and contrast of Japan before and after the Meiji Restoration.
Offered Infrequent

HIS 365. Modern Japan. (3 Units)

Japan from the late Tokugawa period to the present. Western impact on traditional Japan and the Japanese response; the development of a modern state, economy, and society.
Offered Infrequent

HIS 366. Colonial Latin America. (3 Units)

Latin America from conquest to independence movements of the early nineteenth century. A general overview of colonial society, culture, economics, and politics. Special attention paid to issues of gender, race, and ethnicity, and questions of history and memory.
Offered Fall

HIS 367. Modern Latin America. (3 Units)

Offered Spring

HIS 368. Mexico: Colonial. (3 Units)

Explores pre-Columbian Mexican civilizations, especially the Mexica; examines Spanish conquests and the influence of race, class, and gender on the development of colonial Mexican society; contrasts northern, central and southern regions; investigates Mexican independence.
Offered Fall

HIS 369. Mexico: National Period. (3 Units)

Traces colonial legacies, including those of race, class and gender in post-independence Mexico; analyzes the Mexican liberal tradition, nationalism, the Mexican Revolution and late 20th Century neo-liberalism; examines US-Mexican relations; investigates socio-cultural, economic and political issues.
Offered Spring

HIS 370. History of Early Monotheism. (3 Units)

The origins and development of Judaism, Christianity, and Islam through 1000 C.E. Examines key historical theories and controversies, and the mutual cultural, political, economic impacts of these religions and their societies. Explores key beliefs and practices of each faith.
Offered Spring

HIS 373. The City In History. (3 Units)

The rise of the city from earliest times to the present tracing the establishment and growth of cities as institutions and the development of the process of urbanization; comparison of selected cities.
Offered Infrequent

HIS 375. Pop Culture in History. (3 Units)

Course examines how cultural producers have used various popular mediums including art, music, theater, literature, oral traditions, and televisions to articulate identities and to challenge hegemonic discourses of class, race, ethnicity, and gender as well as the structural inequalities they support. Repeatable for credit.
Offered Spring

HIS 376. Film As History. (3 Units)

The historical analysis of films as manuscripts and source materials for social and intellectual thought in the twentieth century. Emphasis to vary from semester to semester, for example: Film as History: The Great Depression; or Film as History: Latin America.
Offered Fall

HIS 379. The Family In History. (3 Units)

Family relationships, sexual attitudes, patterns of growing up and growing old in various societies, and minority groups, as they have evolved with social and economic changes in various historical contexts.
Offered Spring

HIS 380. Women In History. (3 Units)

Changing role of women in the family, political economy and culture of various societies. Topics vary, for example, Women in History: Sex Roles in North and South America; Women in History: Women in China ; Women in History: Sex roles and Feminism in the United States.
Offered Fall

HIS 395. Special Topic In History.. (3 Units)

Intensive study of a single period, area, figure, movement, or idea in history. Topic may be either departmental or interdisciplinary, but focus is historical, and may be single instructor or team taught. Example: Special Topics: Revolution.
Offered Infrequent

HIS 400. Proseminar in History. (3 Units)

Prerequisites: C or better in HIS 300 is required. Provides advanced disciplinary training designed to prepare students to undertake independent historical research. Offers advanced instruction in historical research and writing through exercises in historiographic analysis based on intensive collective studies of important events or themes in history. A grade of C or better in this course fulfills the GWAR requirement for all History majors and minors.
Offered All terms, Fall, Spring

HIS 490. Senior Seminar In History. (3 Units)

Prerequisite: HIS 400 with grade of C or better. Collective examination of a topic in depth. Students will undertake a major research project utilizing historical skills. Three hours of seminar per week.
Offered Fall, Spring

HIS 494. Independent Study. (1-3 Units)

Prerequisite: HIS 300, HIS 400. Independent study of a particular problem under the direction of a faculty member of the History Department.
Offered Fall, Spring

HIS 498. Directed Research in History. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.
Offered As needed

HIS 500. Colloq Community History. (3 Units)

Offered Infrequent

HIS 502. Systems/Thry/Res In His. (3 Units)

Offered Infrequent

HIS 520. Sem In Hist Preservation. (3 Units)

Prerequisites: Courses in art history and appreciation are recommended. An in-depth study of such subjects as a single artist, a period, or a movement or theme in art history. Student should have a sufficient background in art vocabulary and concepts to participate. Three hours of seminar per week.
Offered Infrequent

HIS 540. Sem In Mus & Matr Cult. (3 Units)

Offered Infrequent

HIS 550. Sem Archives. (3 Units)

Offered Infrequent

History, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required.

Major Requirements (45 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|--|-----------|
| Lower Division Required Courses | | |
| HIS 120 | World History I | 3 |
| HIS 121 | World History II | 3 |
| Upper Division Requirements | | |
| HIS 300 | Theory and Practice of History ¹ | 3 |
| HIS 400 | Proseminar in History ¹ | 3 |
| HIS 490 | Senior Seminar In History ¹ | 3 |
| Select three courses in non-U.S. history (representing at least two regions) from the following and 395 when the subject is appropriate: | | 9 |
| HIS 305 | World History for Teachers | |
| HIS 310 | The Ancient World | |
| HIS 311 | Medieval Europe | |
| HIS 312 | Renaissance and Reformation | |
| HIS 313 | The Age of Absolutism and Enlightenment | |
| HIS 314 | Emergence Modern Europe | |
| HIS 315 | 20th Century Europe | |
| HIS 318 | History of Medieval Russia | |
| HIS 319 | History of Imperial Russia, 1689-1917 | |
| HIS 360 | African History to the 1880's | |
| HIS 361 | African History from the Colonial Era to the Present | |
| HIS 362 | Traditional China | |
| HIS 363 | Modern China | |
| HIS 364 | Traditional Japan | |
| HIS 365 | Modern Japan | |
| HIS 366 | Colonial Latin America | |
| HIS 367 | Modern Latin America | |
| HIS 368 | Mexico: Colonial | |
| HIS 369 | Mexico: National Period | |
| HIS 395 | Special Topic In History: | |
| Select three courses in U.S. history. Two should be period courses, selected from the HIS courses numbered (330-336). One should be topical, selected from the HIS courses numbered (340-359 or 395), when the subject is appropriate. | | 9 |
| Select four additional upper-division courses, one of which must be a topical course (HIS courses numbered 301, 340-352, 354, 370-390, and 395). The other three may be any upper-division courses (12 units). | | 12 |
| HIS 348 | Labor In American Society | 3 |
| Total Hours | | 48 |

¹ **Note:** HIS 300 Theory and Practice of History, HIS 400 Proseminar in History, and HIS 490 Senior Seminar In History must be completed with a grade of C or better.

History/Social Science Education Option

| Code | Title | Hours |
|---|--|-------|
| Required Courses | | |
| HIS 120 | World History I | 3 |
| HIS 121 | World History II | 3 |
| HIS 300 | Theory and Practice of History | 3 |
| HIS 305 | World History for Teachers | 3 |
| HIS 341 | California | 3 |
| HIS 400 | Proseminar in History | 3 |
| HIS 490 | Senior Seminar In History | 3 |
| United States History Requirements | | |
| Select one from each group: | | |
| Group A: Early America: | | 3 |
| HIS 300 | Theory and Practice of History | |
| HIS 331 | United States: Revolutionary and Constitutional Period | |
| Group B: The Nineteenth Century: | | 3 |
| HIS 332 | US Early National Period | |
| HIS 333 | United States: Civil War and Reconstruction | |
| Group C: The Twentieth Century: | | 3 |
| HIS 334 | Emergence of Modern America | |
| HIS 335 | United States: War and Depression | |
| HIS 336 | United States: Recent Period | |
| Global History Requirements | | |
| Select one from each group: | | |
| Group A: Early Global: | | 3 |
| HIS 360 | African History to the 1880's | |
| HIS 362 | Traditional China | |
| HIS 364 | Traditional Japan | |
| HIS 366 | Colonial Latin America | |
| HIS 368 | Mexico: Colonial | |
| Group B: Modern Global: | | 3 |
| HIS 361 | African History from the Colonial Era to the Present | |
| HIS 363 | Modern China | |
| HIS 365 | Modern Japan | |
| HIS 367 | Modern Latin America | |
| HIS 369 | Mexico: National Period | |
| Group C: Ancient to Early Modern Europe: | | 3 |
| HIS 310 | The Ancient World | |
| HIS 311 | Medieval Europe | |
| HIS 312 | Renaissance and Reformation | |
| HIS 313 | The Age of Absolutism and Enlightenment | |
| HIS 318 | History of Medieval Russia | |
| Group D: Modern Europe: | | 3 |
| HIS 314 | Emergence Modern Europe | |
| HIS 315 | 20th Century Europe | |
| HIS 319 | History of Imperial Russia, 1689-1917 | |
| HIS 320 | History of the USSR and Post-Soviet Russia | |
| Social Science Requirements | | |
| ECO 210 | Economic Theory 1A Micro | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| GEO 350 | World Geography | 3 |

| | | |
|---------|---|---|
| POL 100 | General Education Political Science: World Perspectives | 3 |
|---------|---|---|

Select one Political Science course:

| | | |
|------------|---|---|
| POL 354 | American Political Thought | 3 |
| or POL 361 | American Constitutional Law: Civil Rights | |

Select one Comparative Religions course:

| | | |
|------------|-----------------------------|---|
| PHI 383 | Comparative Religions | 3 |
| or HIS 370 | History of Early Monotheism | |

Select one Area of Study course from the following:

| | | |
|---------|---|--|
| APP 101 | Introduction To Asian Studies | |
| APP 212 | Introduction to Comparative Ethnic and Global Societies | |
| CHS 100 | Chicana/o Cultural Roots | |
| CHS 205 | Introduction to Chicana/o Literature | |
| CHS 212 | Introduction to Comparative Ethnic Studies | |
| WMS 250 | Foundations in Women's Studies | |

Total Hours **63**

Subject Matter Competency in Social Sciences

To receive certification of Subject Matter Competency in Social Sciences for credentialing, students will be required to maintain a 2.85 GPA in the major with a "C" or better in all courses. They must also successfully complete and submit a teaching portfolio to the department.

Program Learning Outcomes

Upon completion of the Bachelor of Art's degree in History, students will be able to demonstrate:

- An understanding of the nature and goals of history as a discipline, including an awareness of the complexity of the past and the historical record.
- A broad range of historical comprehensions, including an understanding of the basic themes and issues of the history of the United States and at least two other world regions (Africa, Asia, Europe –including Russia –or Latin America).
- An understanding of the historical construction of class, race, ethnicity and gender, and the ability to critically evaluate the use of these categories in primary and secondary sources.
- Research and information literacy skills using campus library resources, including the critical use of both print and electronic research sources.
- The ability to distinguish between facts and interpretations and to identify arguments in historical scholarship and to evaluate them critically.
- The ability to communicate historical knowledge, interpretations and arguments clearly in writing and in formal oral presentations.
- The ability to properly document primary and secondary sources and to construct a bibliography.
- A capacity for life-long learning by completing an independent research project (involving the formulation of an historical question and the composition of a formal research paper exploring that question utilizing both primary and secondary sources).

History

4-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| GE Area A1 | | 3 |
| GE Area B4 | | 3 |
| GE Area C1 | | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 120 | World History I | 3 |
| ECO 210 | Economic Theory 1A Micro | 3 |
| POL 101 | American Institutions | 3 |
| GE Area A2 | | 3 |
| GE Area B1 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| HIS 121 | World History II | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| POL 100 | General Education Political Science: World Perspectives | 3 |
| GE Area A3 | | 3 |
| GE Area C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area F | | 3 |
| GE Area B2 | | 3 |
| GE Area B3 | | 3 |
| GE Area C1 or C2 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| HIS 300 | Theory and Practice of History | 3 |
| HIS 330 or HIS 331 | US Colonial Period or United States: Revolutionary and Constitutional Period | 3 |
| HIS 360 or HIS 362 or HIS 364 or HIS 366 or HIS 368 | African History to the 1880's or Traditional China or Traditional Japan or Colonial Latin America or Mexico: Colonial | 3 |
| PHI 383 | Comparative Religions | 3 |
| GE Area C3 | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 305 | World History for Teachers | 3 |
| HIS 332 or HIS 333 | US Early National Period or United States: Civil War and Reconstruction | 3 |
| HIS 361 or HIS 363 or HIS 365 or HIS 367 or HIS 369 | African History from the Colonial Era to the Present or Modern China or Modern Japan or Modern Latin America or Mexico: National Period | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GEO 350 | World Geography | 3 |

| | | |
|---|--|------------|
| HIS 310 or HIS 311 or HIS 312 or HIS 313 or HIS 318 | The Ancient World or Medieval Europe or Renaissance and Reformation or The Age of Absolutism and Enlightenment or History of Medieval Russia | 3 |
| HIS 341 | California | 3 |
| HIS 354 | History of American Immigration | 3 |
| HIS 400 | Proseminar in History ¹ | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 314 or HIS 315 or HIS 319 or HIS 320 | Emergence Modern Europe or 20th Century Europe or History of Imperial Russia, 1689-1917 or History of the USSR and Post-Soviet Russia | 3 |
| HIS 334 or HIS 335 or HIS 336 | Emergence of Modern America or United States: War and Depression or United States: Recent Period | 3 |
| HIS 490 | Senior Seminar In History | 3 |
| POL 354 or POL 361 | American Political Thought or American Constitutional Law: Civil Rights | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

¹ GWAR-Certifying course**2-Year Roadmap**

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| HIS 300 | Theory and Practice of History | 3 |
| HIS 330 or HIS 331 | US Colonial Period or United States: Revolutionary and Constitutional Period | 3 |
| HIS 360 or HIS 362 or HIS 364 or HIS 366 or HIS 368 | African History to the 1880's or Traditional China or Traditional Japan or Colonial Latin America or Mexico: Colonial | 3 |
| PHI 383 | Comparative Religions | 3 |
| GE Area C3 | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 305 | World History for Teachers | 3 |
| HIS 330 or HIS 331 | US Colonial Period or United States: Revolutionary and Constitutional Period | 3 |
| HIS 360 or HIS 362 or HIS 364 or HIS 366 or HIS 368 | African History to the 1880's or Traditional China or Traditional Japan or Colonial Latin America or Mexico: Colonial | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GEO 350 | World Geography | 3 |
| HIS 310 or HIS 311 or HIS 312 or HIS 313 or HIS 318 | The Ancient World or Medieval Europe or Renaissance and Reformation or The Age of Absolutism and Enlightenment or History of Medieval Russia | 3 |
| HIS 341 | California | 3 |
| HIS 354 | History of American Immigration | 3 |
| HIS 400 | Proseminar in History ¹ | 3 |
| Hours | | 15 |

| Spring | | |
|---|--|-----------|
| HIS 314 or HIS 315 or HIS 319 or HIS 320 | Emergence Modern Europe or 20th Century Europe or History of Imperial Russia, 1689-1917 or History of the USSR and Post-Soviet Russia | 3 |
| HIS 334 or HIS 335 or HIS 336 | Emergence of Modern America or United States: War and Depression or United States: Recent Period | 3 |
| HIS 490 | Senior Seminar In History | 3 |
| POL 354 or POL 361 | American Political Thought or American Constitutional Law: Civil Rights | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ GWAR-Certifying course

History and Social Science Education 4- Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 Arts Courses | | 3 |
| UNV 101 | Personal, Social and Intellectual Development (GE Area E) | 3 |
| Hours | | 15 |
| Spring | | |
| ECO 210 | Economic Theory 1A Micro | 3 |
| HIS 120 | World History I | 3 |
| POL 101 | American Institutions | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Science | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| HIS 121 | World History II | 3 |
| ECO 211 | Economic Theory 1B Macro | 3 |
| POL 100 | General Education Political Science: World Perspectives | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 2 |
| GE Area B2 Life Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C1 or C2 | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| HIS 300 | Theory and Practice of History | 3 |
| HIS 360 or HIS 362 or HIS 364 or HIS 366 or HIS 368 | African History to the 1880's (Early Global History (select one)) or Traditional China or Traditional Japan or Colonial Latin America or Mexico: Colonial | 3 |

| | | |
|---|---|-----------|
| HIS 330 or HIS 331 | US Colonial Period or United States: Revolutionary and Constitutional Period | 3 |
| PHI 383 | Comparative Religions | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 305 | World History for Teachers | 3 |
| HIS 332 or HIS 333 | US Early National Period or United States: Civil War and Reconstruction | 3 |
| HIS 361 or HIS 363 or HIS 365 or HIS 367 or HIS 369 | African History from the Colonial Era to the Present or Modern China or Modern Japan or Modern Latin America or Mexico: National Period | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Fourth Year | | |
|---|--|------------|
| Fall | | |
| HIS 310 or HIS 311 or HIS 312 or HIS 313 or HIS 318 | The Ancient World or Medieval Europe or Renaissance and Reformation or The Age of Absolutism and Enlightenment or History of Medieval Russia | 3 |
| HIS 341 | California | 3 |
| HIS 400 | Proseminar in History | 3 |
| GEO 350 | World Geography | 3 |
| HIS 354 | History of American Immigration | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 314 or HIS 315 or HIS 319 or HIS 320 | Emergence Modern Europe or 20th Century Europe or History of Imperial Russia, 1689-1917 or History of the USSR and Post-Soviet Russia | 3 |
| HIS 334 or HIS 335 or HIS 336 | Emergence of Modern America or United States: War and Depression or United States: Recent Period | 3 |
| HIS 490 | Senior Seminar In History | 3 |
| POL 354 or POL 361 | American Political Thought or American Constitutional Law: Civil Rights | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| HIS 300 | Theory and Practice of History | 3 |
| HIS 360 or HIS 362 or HIS 364 or HIS 366 or HIS 368 | African History to the 1880's or Traditional China or Traditional Japan or Colonial Latin America or Mexico: Colonial | 3 |
| HIS 330 or HIS 331 | US Colonial Period or United States: Revolutionary and Constitutional Period | 3 |
| PHI 383 | Comparative Religions | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 305 | World History for Teachers | 3 |

| | | |
|---|--|-----------|
| HIS 360 or HIS 362 or HIS 364 or HIS 366 or HIS 368 | African History to the 1880's or Traditional China or Traditional Japan or Colonial Latin America or Mexico: Colonial | 3 |
| HIS 330 or HIS 331 | US Colonial Period or United States: Revolutionary and Constitutional Period | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| HIS 310 or HIS 311 or HIS 312 or HIS 313 or HIS 318 | The Ancient World or Medieval Europe or Renaissance and Reformation or The Age of Absolutism and Enlightenment or History of Medieval Russia | 3 |
| HIS 341 | California | 3 |
| HIS 400 | Proseminar in History | 3 |
| GEO 350 | World Geography | 3 |
| HIS 354 | History of American Immigration | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 314 or HIS 315 or HIS 319 or HIS 320 | Emergence Modern Europe or 20th Century Europe or History of Imperial Russia, 1689-1917 or History of the USSR and Post-Soviet Russia | 3 |
| HIS 334 or HIS 335 or HIS 336 | Emergence of Modern America or United States: War and Depression or United States: Recent Period | 3 |
| HIS 490 | Senior Seminar In History | 3 |
| POL 354 or POL 361 | American Political Thought or American Constitutional Law: Civil Rights | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

History, Minor

Requirements

Electives (15 units)

Select five upper-division courses with the assistance of an advisor.

Note: Minors are not required to complete HIS 400 Proseminar in History or HIS 490 Senior Seminar In History. Minors who wish to enroll in HIS 400 Proseminar in History must pass HIS 300 Theory and Practice of History with a grade of "C" or better; minors who wish to enroll in HIS 490 Senior Seminar In History must first pass HIS 400 Proseminar in History with a grade of "C" or better.

Specific History Subject Matter Authorization

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure a Specific History Subject Matter Authorization that allows the holder to teach the specific subjects in grades preschool, K-12, and classes organized primarily for adults.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the School of Education Student Services Center.

Requirements

Complete each of the following courses or equivalent as approved by the History Department Advisor.

| Code | Title | Hours |
|---|---|-------|
| Lower Division | | |
| HIS 101 | History Of United States | 3 |
| HIS 120 | World History I | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| HIS 121 | World History II | 3 |
| Upper Division | | |
| GEO 350 | World Geography | 3 |
| HIS 301 | Individual, Family, and Community in Historic Perspective | 3 |
| Select one from the following: | | 3 |
| HIS 341 | California | |
| GEO 359 | Geography Of California | |
| POL 312 | State and Local Government: Organization and Problems | |
| GE Area F3. Integrative Studies in the Social Sciences/Cultural Pluralism | | 3 |
| Additional Coursework | | |
| Select any combination of the courses below to add up to 33 units: 12-15 | | |
| HIS 305 | World History for Teachers | |
| HIS 310 | The Ancient World | |
| HIS 311 | Medieval Europe | |
| HIS 312 | Renaissance and Reformation | |
| HIS 313 | The Age of Absolutism and Enlightenment | |
| HIS 314 | Emergence Modern Europe | |
| HIS 315 | 20th Century Europe | |
| HIS 318 | History of Medieval Russia | |
| HIS 319 | History of Imperial Russia, 1689-1917 | |
| HIS 360 | African History to the 1880's | |
| HIS 361 | African History from the Colonial Era to the Present | |
| HIS 362 | Traditional China | |
| HIS 363 | Modern China | |
| HIS 364 | Traditional Japan | |
| HIS 365 | Modern Japan | |
| HIS 366 | Colonial Latin America | |
| HIS 367 | Modern Latin America | |
| HIS 368 | Mexico: Colonial | |
| HIS 369 | Mexico: National Period | |
| HIS 330 | US Colonial Period | |
| HIS 331 | United States: Revolutionary and Constitutional Period | |
| HIS 332 | US Early National Period | |
| HIS 333 | United States: Civil War and Reconstruction | |
| HIS 334 | Emergence of Modern America | |
| HIS 335 | United States: War and Depression | |

| | |
|---------|---|
| HIS 336 | United States: Recent Period |
| HIS 340 | American West |
| HIS 343 | African American History from Africa to Reconstruction |
| HIS 344 | African American History: Reconstruction to the Present |
| HIS 345 | History of the Mexican American People I |
| HIS 346 | History of the Mexican American People II |
| HIS 348 | Labor In American Society |
| HIS 352 | Topics in United States Foreign Relations History |
| HIS 354 | History of American Immigration |

Total Hours**36-39**

Human Services

College of Health, Human Services, and Nursing
Department of Human Services

For information regarding HUS program visit: <https://www.csudh.edu/human-development/human-services/>.

Mission and Goals Statement

The mission of the Human Services Department is to provide diverse members of the community with a university education that focuses on the knowledge and skills to help those in need. The Bachelor's degree in Human Services prepares students for occupations in human service settings and in social work, or for graduate training.

Program Description

The Human Services major at CSU Dominguez Hills is a single subject major (no minor required) that prepares students who earn the B.A. degree for employment in a variety of professional service careers. This major is interdisciplinary and combines courses from Human Services, Child Development, Health Sciences, Psychology, Sociology, Anthropology and other areas. It is similar to a degree in social work, and it is a great major for people who want meaningful jobs helping others and serving their communities.

Features

A unique aspect of the Human Services major is the student's involvement in actual work in the field of human services through the practicums. The practicum courses provide for on-the-job training in a variety of community settings. Fieldwork settings are provided through a wide range of government and private agencies and organizations such as mental health, family service centers, geriatric care, educational settings, the correctional system, recreation departments, alcohol and drug agencies, children services, hospitals, community group settings and many others. There are many instances when practicum experience leads to employment.

Academic Advisement

New students are required to make an appointment with an Academic Advisor for a mandatory new student workshop prior to enrolling in classes. The advisors are located in the Student Success Center (SSC), WH A-210. The SSC advisors may be reached at (310) 243-2120 / (800) 344-5484 or visit <https://www.csudh.edu/chhsn/chhsn-student-success-center/>.

Preparation

Community college transfer students are encouraged to complete general education courses and to take human biology/anatomy and statistics prior to transferring to CSUDH.

Graduation with Honors

An undergraduate student may graduate with Honors in Human Services provided that the following criteria are met:

1. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in Human Services;
2. Recommendation by the faculty of the Human Services program.

Student Organizations

Students in the Human Services Department are eligible to join the Human Services Students Association.

Career Possibilities

The Human Services Program prepares students to work in mental health agencies, family service centers, facilities for the developmentally disabled, drug and alcohol services, geriatric care, personnel services, educational settings and other service areas. Human services workers assume many roles such as: case managers, advocates, teaching, group facilitators, outreach, mobilizers, consultants, planners, administrators, and evaluators. Students have ample opportunities to learn about community agencies and available occupations prior to graduation.

Undergraduate Programs

Bachelor

- Human Services, Bachelor of Arts (p. 603)

Certificate

- Mental Health Recovery, Certificate (p. 606)

Faculty

Phu Phan, MSW, Ph.D., Professor & Chair

Hannah Nguyen, MSW, Ph.D., Associate Professor; Annalyn Valdez-Dadia, Dr. PH, MPH, Assistant Professor; Sarah Underwood, MSW, Ph.D., Assistant Professor

Human Services (HUS) Office: Ms. Pam Curtis, ASA, SBS D-321, (310) 243-3461; email: hus@csudh.edu

Courses

HUS 195. Special Topics in Human Services. (1-3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced.
Offered Infrequent

HUS 295. Special Topics in Human Services. (1-3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced.
Offered Infrequent

HUS 300. Introduction To Human Services. (3 Units)

Introduction to human services as a profession. Exploration of social forces that contribute to human needs, issues and problems related to planning, delivering and evaluating programs. Some site visits are required.

Offered Fall, Spring

HUS 307. Principles of Mental Health Recovery. (3 Units)

Prerequisite: HUS 300. Co-requisites: HUS 380 and HUS 381. Examines the history of mental health treatment and the disparity between recent research findings and current treatment modalities. The concept of recover from mental illness will be presented with a focus on psychiatric rehabilitation (PSR) as a treatment modality support recovery.

Offered Fall, Spring

HUS 310. Helping and Professional Relationships. (3 Units)

Prerequisites: HUS 300. Co-requisites: HUS 380 and HUS 381. Course will focus on developing professional helping skills with and emphasis on ethical and professional behavior. Through research and writing in the disciplinary genres, students will develop verbal and non-verbal communication skills commonly used in the helping professions. A grade of C or better in this course fulfills the GWAR requirement for all Human Services majors.

Offered Fall, Spring

HUS 311. Interventions and Strategies of Mental Health Recovery I. (3 Units)

Prerequisites: HUS 300. Co-requisites: HUS 380 and HUS 381. Examines interventions and strategies that enhance recovery from mental illness. Tools and skills needed as a mental health practitioner will be introduced, explored and practiced during the course.

Offered Fall, Spring

HUS 315. Intercultural Communication for Human Services. (3 Units)

Prerequisite: HUS 300 is required. Course is designed to facilitate students' communication skills including becoming more sensitive to intercultural communication differences, and to provide them with the knowledge and skills that will help them interact successfully with clients, coworkers, supervisors and communities who are from different cultures.

Offered Fall, Spring

HUS 330. Human Behavior and the Social Environment. (3 Units)

Prerequisite: HUS 300. Critically applies human services theories on the assessment of human behavior in the biological, psychological and social development of people over the lifespan with special focus on diversity such as race, gender, class and disabilities.

Offered Fall, Spring, Summer

HUS 368. Interventions and Strategies of Mental Health recovery II. (3 Units)

Prerequisites: HUS 300, HUS 307 and HUS 311. Co-requisites: HUS 484 and HUS 485. This course will focus on the three major evidenced based therapies (Cognitive Behavior-CBT, Dialectical Behavioral-DBT, and Motivational Interviewing- MIT) that help people with severe and persistent mental illness.

Offered Spring

HUS 380. Fieldwork Practicum in Human Services I. (2 Units)

Corequisite: HUS 381 is required. This is the first of three supervised fieldwork experience with an emphasis on human services and educational settings. students will examine structure and functioning, observe professional relationships and discover interagency network. Students will then begin to apply their knowledge to basic level helping skills with agency clients. May not be taken concurrently with any other fieldwork courses.

Offered Fall, Spring

HUS 381. Seminar in Human Services I. (1 Units)

Corequisite: HUS 380 is required. First of three fieldwork seminar courses in Human Services, which is structured to facilitate integration of Human Services knowledge and theory with practical fieldwork application. Students will be able to examine and integrate personal and professional values and understand their personal selves as participants in professional roles. Each weekly seminar will include time to problem solve and share field experiences.

Offered Fall, Spring

HUS 390. Field Practicum in HUS II. (2 Units)

Prerequisites: HUS 300, HUS 380 and HUS 381. Co-requisites: HUS 391 and HUS 400 required. Second of three supervised fieldwork experiences with an emphasis on human services and educational settings. Students will apply their knowledge of human services theory and skills to intermediate level of helping with agency clientele. This course is taken concurrently with HUS 391 Seminary in Human Services II. May not be taken concurrently, however, with any other field work courses. CR/NC grading.

Offered Fall, Spring, Summer

HUS 391. Seminar in Human Services II. (1 Units)

Prerequisites: HUS 300, HUS 380 and HUS 381. Co-requisites: HUS 390 and HUS 400 required. Second of three fieldwork seminar courses in Human Services with is structured to facilitate integration of Human Services knowledge and theory with practical fieldwork application. Students will be able to examine and integrate personal and professional values and understand their personal selves as participants in professional roles. Each weekly seminar will include time to problem solve and share field experiences.

Offered Fall, Spring, Summer

HUS 395. Spc Topics in Human Services. (1-3 Units)

Study of a topic of interest to the Human Services profession. Topics will vary as announced but generally focus on the delivery of human services by examining theories, policies, advocacy, and methods. Three hours of lecture per week.

Offered As needed

HUS 396. Practicum in Human Services. (3 Units)

Prerequisite: HUS 300. May not be taken concurrently with any other field course. Supervised field experience, with an emphasis on human services and educational settings. Supervision emphasizes training and application of clinical, interviewing, and other helping skills, didactic methods, group techniques, methods of evaluation and/or other skills specific to fieldwork needs.

Offered As needed

HUS 400. Case Management. (3 Units)

Prerequisite: HUS 300. Co-requisites: HUS 390 and HUS 391. Models of institutional service delivery and case management systems. Principles of and critical issues in case management, including collaborative and interagency services.

Offered Fall, Spring, Summer

HUS 410. Advanced Case Management - Working with Special Populations. (3 Units)

Prerequisites: HUS 300, HUS 310, HUS 380, HUS 381, HUS 390, and HUS 400 are required. Co-requisite: HUS 480 and HUS 481 are required. Focuses on introducing students to different populations commonly seen in human services agencies. Course will address theoretical underpinnings for human services and contain the basic description of best practice that will focus the student's attention on how to carry out certain functions ethically and competently.

Offered Fall, Spring

HUS 460. Research Methods for Human Services. (3 Units)

Prerequisite: HUS 300. Elementary statistics. This course is an overview of research methods in human services, including study design, sampling data collection and analysis, statistical techniques and report writing. Also included is a critical analysis of published research and examination of relevance of data to decision making.

Offered Fall, Spring, Summer

HUS 480. Fieldwork Practicum in Human Services III. (2 Units)

Prerequisites: HUS 300, HUS 380, HUS 381, HUS 390 and HUS 391 are required. Co-requisites: HUS 410 and HUS 481 are required. Third of three supervised fieldwork experiences with an emphasis on human services and educational settings. Students will apply their knowledge of human services theory and skills at an intermediate level of helping with agency clientele. This course is taken concurrently with HUS 481 Seminar in Human Services III. May not be taken concurrently, however, with any other fieldwork courses. Students complete 180 hours in their fieldwork placement.

Offered Fall, Spring

HUS 481. Seminar in Human Services III. (1 Units)

Prerequisites: HUS 300, HUS 380, HUS 381, HUS 390 and HUS 391 are required. Co-requisites: HUS 410 and HUS 481 are required. This is the third of three fieldwork seminar courses in Human Services which is structured to facilitate integration of Human Services knowledge and theory with practical fieldwork application. Students will be able to examine and integrate personal and professional values and understand their personal selves as participants in professional roles. Each weekly seminar will include time to problem solve and share field experiences. Students must also do an oral case presentation with one of their clients. This course is taken concurrently with HUS 480 and cannot be taken concurrently with any other fieldwork course. Students complete 180 hours in their fieldwork placement.

Offered Fall, Spring

HUS 484. Practicum in MHR. (2 Units)

Prerequisites: HUS 307 and HUS 311. Co-requisites: HUS 368 and HUS 485. Supervised field experience with an emphasis on mental health recovery and working with the severely and persistently mentally ill. Students are placed in a community mental health agency where they will apply their knowledge and skills of mental health recovery. CR/NC grading.

Offered Spring

HUS 485. Seminar in Mental Health Recovery. (1 Units)

Prerequisites: HUS 307 and HUS 311. Co-requisites: HUS 368 and HUS 484. Weekly seminar course structured to facilitate the integration of mental health recovery knowledge and skills with practical field application. The seminar is designed to allow students to achieve integration of classroom learning with direct experiences in the agency setting.

Offered Spring

HUS 490. International Studies in HUS. (3 Units)

Prerequisite: HUS 300 required. The course focuses on the comparative analyses of human services policies and service between the U.S. and the host country (varies). Students will travel abroad to experience first-hand knowledge of the influences of social welfare policy on service delivery.

Offered All terms

HUS 494. Independent Study in Human Services. (1-4 Units)

Prerequisite: Consent of Instructor. A course of study designed cooperatively by student and instructor to accomplish individualized learning objectives that are appropriate to the human services profession.

Offered As needed

HUS 495. Special Topics in Human Services. (1-3 Units)

Prerequisite: Consent of instructor. Advanced course of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered As needed

HUS 496. Internship in Human Services. (3-6 Units)

Prerequisites: HUS 396 Or PSY 396. May not be taken concurrently with any other fieldwork course. Survey of professional and ethical issues in the helping professions. Supervised internships in human services settings.

Offered Fall, Spring, Summer

Human Services, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required or offered.

Major Requirements (57 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree. All courses applied to the major must be satisfied with a grade of C or better.

| Code | Title | Hours |
|----------------------------|---------------------------------------|-------|
| Common Core Courses | | |
| Interdisciplinary Courses: | | |
| MAT 131 | Elementary Statistics and Probability | 3 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |

| | | |
|----------------------------|--|-----------|
| or BIO 254 | Human Biology | |
| ANT 310 | Culture & Personality: Psychological Anthropology | 3 |
| or ANT 389 | Transmission Of Culture | |
| PSY 363 | Abnormal Psychology | 3 |
| SOC 320 | The Family | 3 |
| or HIS 379 | The Family In History | |
| Human Services Courses: | | |
| HUS 300 | Introduction To Human Services | 3 |
| HUS 310 | Helping and Professional Relationships | 3 |
| HUS 315 | Intercultural Communication for Human Services | 3 |
| HUS 330 | Human Behavior and the Social Environment | 3 |
| HUS 400 | Case Management | 3 |
| HUS 410 | Advanced Case Management - Working with Special Populations | 3 |
| HUS 460 | Research Methods for Human Services | 3 |
| Fieldwork Practicum | | |
| HUS 380 & HUS 381 | Fieldwork Practicum in Human Services I and Seminar in Human Services I | 3 |
| HUS 390 & HUS 391 | Field Practicum in HUS II and Seminar in Human Services II | 3 |
| HUS 480 & HUS 481 | Fieldwork Practicum in Human Services III and Seminar in Human Services III | 3 |
| Electives | | |
| | Select four upper division courses in Child Development, Health Sciences, Human Services, Anthropology, Psychology and Sociology with the assistance of an advisor. Electives must be from two different departments. ¹ | 12 |
| Total Hours | | 57 |

¹ Could be HUS 490 International Studies in HUS

Mental Health Recovery Option (57 units)

| Code | Title | Hours |
|----------------------------|---|-------|
| Common Core Courses | | |
| Interdisciplinary Courses: | | |
| MAT 131 | Elementary Statistics and Probability | 3 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| or BIO 254 | Human Biology | |
| ANT 310 | Culture & Personality: Psychological Anthropology | 3 |
| or ANT 389 | Transmission Of Culture | |
| PSY 363 | Abnormal Psychology | 3 |
| SOC 320 | The Family | 3 |
| or HIS 379 | The Family In History | |
| Human Services Courses: | | |
| HUS 300 | Introduction To Human Services | 3 |
| HUS 310 | Helping and Professional Relationships | 3 |
| HUS 315 | Intercultural Communication for Human Services | 3 |
| HUS 330 | Human Behavior and the Social Environment | 3 |
| HUS 400 | Case Management | 3 |
| HUS 410 | Advanced Case Management - Working with Special Populations | 3 |
| HUS 460 | Research Methods for Human Services | 3 |
| Fieldwork Practicum | | |

| | | |
|-------------------|---|---|
| HUS 380 & HUS 381 | Fieldwork Practicum in Human Services I and Seminar in Human Services I | 3 |
| HUS 390 & HUS 391 | Field Practicum in HUS II and Seminar in Human Services II | 3 |
| HUS 484 & HUS 485 | Practicum in MHR and Seminar in Mental Health Recovery | 3 |

Required Mental Health Recovery Courses

| | | |
|---------|---|---|
| HUS 307 | Principles of Mental Health Recovery | 3 |
| HUS 311 | Interventions and Strategies of Mental Health Recovery I | 3 |
| HUS 368 | Interventions and Strategies of Mental Health recovery II | 3 |

Electives

Select an upper division elective from Child Development, Health Sciences, Anthropology, Psychology, and Sociology with the assistance of an Academic Advisor.

Total Hours **57**

- Display ability to assess, plan, implement and evaluate human services as they apply to target populations of individuals, groups and organizations.
- Use psychological, sociological, behavioral theory concepts and models to promote prevention, maintenance, rehabilitation and healthy human functioning.
- Access, interpret and present research findings to clients colleagues or other members of related service fields.
- Critically examine how historical and current political, legislative and economic climate impacts the practice of human services.
- Apply ethical and professional standards to the practice of human services.
- Demonstrate ability to affect social change through advocacy work at all levels of society.
- Integrate cultural values, knowledge and practice skills.

(B.A.) Human Services Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|--------------------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| GE Area B2 | Life Science | 3 |
| GE Area B3 | Science Laboratory | 1 |
| GE Area C1 | Arts Courses | 3 |
| GE Area D1 | Perspectives on Individual, Groups, and Society | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 16 |
| Spring | | |
| HIS 101 | History Of United States | 3 |
| GE Area B1 | Physical Science | 3 |
| MAT 131 | Elementary Statistics and Probability (satisfies GE area B4) | 3 |
| GE Area C2 | Letters Course | 3 |
| GE Area D2 | Global and Historical Perspectives | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| Additional GE in Area C1 or C2 | | 3 |

| | | |
|----------------------------|---|---|
| BIO 250 or BIO 254 | Elem Hum Anat & Physiol or Human Biology | 3 |
| POL 101 | American Institutions | 3 |
| Elective to meet 120 units | | 3 |

Hours 15

Spring

| | | |
|------------------------------------|---|---|
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| HUS 300 | Introduction To Human Services | 3 |
| SOC 320 or HIS 379 | The Family or The Family In History | 3 |
| ANT 310 or ANT 389 | Culture & Personality: Psychological Anthropology or Transmission Of Culture | 3 |

Hours 15

Third Year

Fall

| | | |
|----------------------------|--|---|
| PSY 363 | Abnormal Psychology | 3 |
| HUS 310 | Helping and Professional Relationships (GWAR satisfying course) | 3 |
| HUS 380 | Fieldwork Practicum in Human Services I | 2 |
| HUS 381 | Seminar in Human Services I | 1 |
| HUS 330 | Human Behavior and the Social Environment | 3 |
| Elective to meet 120 units | | 3 |

Hours 15

Spring

| | | |
|--|--|---|
| HUS 400 | Case Management | 3 |
| HUS 390 | Field Practicum in HUS II | 2 |
| HUS 391 | Seminar in Human Services II | 1 |
| HUS 460 | Research Methods for Human Services | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| HUS 315 | Intercultural Communication for Human Services | 3 |

Hours 15

Fourth Year

Fall

| | | |
|---|--|---|
| HUS 410 | Advanced Case Management - Working with Special Populations | 3 |
| HUS 480 | Fieldwork Practicum in Human Services III | 2 |
| HUS 481 | Seminar in Human Services III | 1 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 2 |

Hours 14

Spring

| | | |
|--|--|---|
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| Major Elective | | 3 |

Hours 15

Total Hours 120

2-Year Roadmap (transfer students)

First Year

Fall

Hours

| | | |
|--|---|---|
| HUS 300 | Introduction To Human Services | 3 |
| SOC 320 or HIS 379 | The Family or The Family In History | 3 |
| ANT 310 or ANT 389 | Culture & Personality: Psychological Anthropology or Transmission Of Culture | 3 |
| PSY 363 | Abnormal Psychology | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |

Hours 15

Spring

| | | |
|---|--|---|
| HUS 310 | Helping and Professional Relationships (GWAR satisfying course) | 3 |
| HUS 380 | Fieldwork Practicum in Human Services I | 2 |
| HUS 381 | Seminar in Human Services I | 1 |
| HUS 330 | Human Behavior and the Social Environment | 3 |
| HUS 315 | Intercultural Communication for Human Services | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |

Hours 15

Second Year

Fall

| | | |
|----------------|-------------------------------------|---|
| HUS 400 | Case Management | 3 |
| HUS 390 | Field Practicum in HUS II | 2 |
| HUS 391 | Seminar in Human Services II | 1 |
| HUS 460 | Research Methods for Human Services | 3 |
| Major Elective | | 3 |
| Major Elective | | 3 |

Hours 15

Spring

| | | |
|--|--|---|
| HUS 410 | Advanced Case Management - Working with Special Populations | 3 |
| HUS 480 | Fieldwork Practicum in Human Services III | 2 |
| HUS 481 | Seminar in Human Services III | 1 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| Major Elective | | 3 |

Hours 15

Total Hours 60

Mental Health Recovery Option Roadmaps 4- Year Roadmap

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|---|--|---|
| GE Area A2 Written Communication | | 3 |
| GE Area B2 Life Science | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |

Hours 16

Spring

| | | |
|---|--|---|
| HIS 101 | History Of United States | 3 |
| GE Area B1 Physical Science | | 3 |
| MAT 131 | Elementary Statistics and Probability (GE Area B4) | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |

Hours 15

Second Year

Fall

| | | |
|--------------------------------|---|---|
| GE Area A1 Oral Communication | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| BIO 250 or BIO 254 | Elem Hum Anat & Physiol or Human Biology | 3 |
| POL 101 | American Institutions | 3 |
| Elective to meet 120 units | | 3 |

Hours 15

Spring

| | | |
|------------------------------------|--------------------------------|---|
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| HUS 300 | Introduction To Human Services | 3 |

| | | |
|---|---|------------|
| SOC 320 or HIS 379 | The Family or The Family In History | 3 |
| ANT 310 or ANT 389 | Culture & Personality: Psychological Anthropology or Transmission Of Culture | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PSY 363 | Abnormal Psychology | 3 |
| HUS 310 | Helping and Professional Relationships | 3 |
| HUS 380 | Fieldwork Practicum in Human Services I | 2 |
| HUS 381 | Seminar in Human Services I | 1 |
| HUS 307 | Principles of Mental Health Recovery | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| HUS 400 | Case Management | 3 |
| HUS 390 | Field Practicum in HUS II | 2 |
| HUS 391 | Seminar in Human Services II | 1 |
| HUS 330 | Human Behavior and the Social Environment | 3 |
| HUS 311 | Interventions and Strategies of Mental Health Recovery I | 3 |
| HUS 315 | Intercultural Communication for Human Services | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| HUS 460 | Research Methods for Human Services | 3 |
| HUS 410 | Advanced Case Management - Working with Special Populations | 3 |
| HUS 484 | Practicum in MHR | 2 |
| HUS 485 | Seminar in Mental Health Recovery | 1 |
| HUS 368 | Interventions and Strategies of Mental Health recovery II | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-----------------------|---|-----------|
| First Year | | |
| Fall | | |
| HUS 300 | Introduction To Human Services | 3 |
| SOC 320 or HIS 379 | The Family or The Family In History | 3 |
| PSY 363 | Abnormal Psychology | 3 |
| ANT 310 or ANT 389 | Culture & Personality: Psychological Anthropology or Transmission Of Culture | 3 |
| SBS 318 | Cultural Pluralism: (satisfies GE Area D3) | 3 |
| Hours | | 15 |
| Spring | | |
| HUS 310 | Helping and Professional Relationships (GWAR satisfying course) | 3 |
| HUS 380 | Fieldwork Practicum in Human Services I (HUS 380 and HUS 381 must be taken concurrently with HUS 310) | 2 |
| HUS 381 | Seminar in Human Services I | 1 |
| HUS 307 | Principles of Mental Health Recovery | 3 |

| | | |
|--|---|-----------|
| HUS 460 | Research Methods for Human Services | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| HUS 400 | Case Management | 3 |
| HUS 390 | Field Practicum in HUS II (HUS 390 and HUS 391 must be taken concurrently with HUS 400) | 2 |
| HUS 391 | Seminar in Human Services II | 1 |
| HUS 311 | Interventions and Strategies of Mental Health Recovery I | 3 |
| HUS 330 | Human Behavior and the Social Environment | 3 |
| HUS 315 | Intercultural Communication for Human Services | 3 |
| Hours | | 15 |
| Spring | | |
| HUS 410 | Advanced Case Management - Working with Special Populations | 3 |
| HUS 484 | Practicum in MHR (HUS 484 and HUS 485 must be taken concurrently with HUS 410) | 2 |
| HUS 485 | Seminar in Mental Health Recovery | 1 |
| HUS 368 | Interventions and Strategies of Mental Health recovery II | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Mental Health Recovery, Certificate

Program Description

Human Services offers a 12 unit certificate program to prepare individuals to enter the field of Mental Health Recovery. There is a growing demand for individuals to be trained in Mental Health Recovery theory and interventions in the mental health arena.

The field of mental health services delivery is changing with new requirements for training and knowledge in Mental Health Recovery. Included in the course of study are principles of mental health recovery, intervention and strategies, and supervised practicum field experience which will allow individuals an opportunity to apply their knowledge of mental health recovery.

Eligibility Requirements

1. Completion of Elementary Statistics with a grade of C or better.

Career Possibilities

Individuals successfully completing the certificate program will be prepared for entry level positions in community mental health clinics, counseling centers, in-patient mental health hospitals, out-patient mental health centers, youth crisis shelters, substance abuse counseling and other mental health related fields which require mental health recovery knowledge and skills.

Program Description

Human Services offers a 12 unit certificate program to prepare individuals to enter the field of Mental Health Recovery. There is a growing demand for individuals to be trained in Mental Health Recovery theory and interventions in the mental health arena.

The field of mental health services delivery is changing with new requirements for training and knowledge in Mental Health Recovery.

Included in the course of study are principles of mental health recovery, intervention and strategies, and supervised practicum field experience which will allow individuals an opportunity to apply their knowledge of mental health recovery.

Eligibility Requirements

1. Completion of Elementary Statistics with a grade of C or better.

Career Possibilities

Individuals successfully completing the certificate program will be prepared for entry level positions in community mental health clinics, counseling centers, in-patient mental health hospitals, out-patient mental health centers, youth crisis shelters, substance abuse counseling and other mental health related fields which require mental health recovery knowledge and skills.

Requirements (12 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| HUS 307 | Principles of Mental Health Recovery | 3 |
| HUS 311 | Interventions and Strategies of Mental Health Recovery I | 3 |
| HUS 368 | Interventions and Strategies of Mental Health recovery II | 3 |
| HUS 484 & HUS 485 | Practicum in MHR and Seminar in Mental Health Recovery | 3 |
| Total Hours | | 12 |

Humanities External Degree

College of Arts and Humanities

Program Description

The Master of Arts in Humanities offers broad interdisciplinary exposure to all of the areas of the humanities – including both area studies and traditional disciplinary fields such as history, philosophy, and literature – and the establishment of an integrative perspective among them, with emphasis on their interrelating effects and influences. The degree is offered entirely as a distance program. Courses are offered in the fall and spring semesters for 15 weeks each.

Preparation

A B.A. or B.S. degree from a regionally accredited college or university with a grade point average of 3.0 is required for acceptance into the M.A. program. Conditional admission with a grade point average of 2.5 may be considered under exceptional circumstances.

Features

The Humanities External Master's Degree program offers a fully accredited degree with no classroom attendance. The master's degree is earned by completing a curriculum of courses designed by CSU Dominguez Hills humanities professors and planning and writing a capstone thesis or project. Students have the option of designing independent studies to be guided by faculty. Some courses offer the opportunity for online instruction and engagement. The Humanities External degree is offered as a special sessions program. Admitted students pay the same per unit fee regardless of their geographic residence.

The Humanities External Master's Degree program was established in 1974 and has had students residing in all 50 states as well as many foreign countries. For four decades HUX has functioned as a university without walls.

Graduate Programs

Master

- Humanities External, Master of Arts (p. 610)

Faculty

Matthew Luckett, Program Coordinator

The following is a partial listing of instructors who work most often with the program. Although most are full-time faculty in on-campus departments, we also utilize the talents of part-time and emeritus faculty whose years of experience and expertise teaching both on campus and through the humanities special sessions degree program make them an invaluable source of knowledge.

R. Iset Anuakan (History), Debra Best (Literature), Kimberly Bohman-Kalaja (Literature), Douglas Borcoman (Philosophy), David Bradfield (Music), Hanson Caldwell (Music), Anita Chang (Music), Patricia Cherin (Humanities and Literature), David Churchman (Behavioral Sciences), Robert Cubillos (Philosophy), William Cumiford (Philosophy), Bill DeLuca (Theatre Arts), Myrna C. Donahoe (Interdisciplinary Studies), Kirstin Ellsworth (Art), Bryan Feuer (Humanities), Kate Gale (English), Patricia Gamon (Art), Benito Gomez (Modern Languages), Jonathon Grasse (Music), Daniel Greenspan (Philosophy), Brian Gregor (Philosophy), Judson Grenier (History), William Hagan (Philosophy), Arthur Harshman (Art), Gilah Y. Hirsch (Art), Howard Holter (History), James Jeffers (History and Interdisciplinary Studies), Jim Keville (Art), Jane Lee (English), Donald Lewis (Philosophy), Jeb Middlebrook (Sociology), Ben Mijuskovic (Philosophy), Christopher Monty (History), Joanna Nacheff (Music), Helen Oesterheld (Literature), Linda Pomerantz (History), Abe C. Ravitz (Literature), Jacqueline Shannon (Music), Lyle E. Smith (Literature), Frank A. Stricker (History), Andrea White (English), Joanne J. Zitelli (Literature)

Nicole Ballard, Program Advisor

Danica Arunson, Program Associate

Program Office: SAC 2-2126, (310) 243-3743 FAX: (310) 516-4399

Courses

HUX 345. The Non-Western World: China and Japan. (3 Units)

Interdisciplinary study of the non-western world by focusing on some of the art, philosophy and music of China and Japan.
Offered Infrequent

HUX 346. Alienation, Estrangement, and Subcultures. (3 Units)

Survey of the elements and historical implications of alienation. Examination of Hispanic and African American cultures.
Offered Fall, Infrequent

HUX 347. Images of Humanity: World Religious Perspectives. (3 Units)

Survey of ancient and modern religious systems focusing upon general characteristics of religious belief.
Offered Spring

HUX 448. Val & Morality 20th Century. (3 Units)

Offered Infrequent

HUX 472. Key Persp: Phil. (3 Units)

Offered Infrequent

HUX 474. Age Of Revolution. (3 Units)

Offered Infrequent

HUX 500. Foundations of the Humanities. (3 Units)

Provides an overview of core ideas, research, and writing in the humanities. Traces the historical origins of humanistic ideals and examines the influence of these cultural ideals on human life across time, place and history.

Offered Fall

HUX 506. Introduction to the Humanities. (3 Units)

Provides a non-comprehensive overview of human culture, particularly literature, history, music and philosophy, with an emphasis on diverse cultural and national traditions as well as social justice and morality.

Offered Fall, Spring

HUX 507. Graduate Writing in the Humanities. (3 Units)

Teaches students how to communicate in the humanities through academic writing that is supported by primary and secondary sources. Students will explore a variety of subjects, including art, gender, labor, music and race, to understand the humanities.

Offered Fall

HUX 512. History and the Human Endeavor. (3 Units)

Explores how historians use a variety of documents to understand human thought and behavior. Students analyze and contextualize documents, find sources for their own projects and draw conclusions about the human experience in relation to cohort theme.

Offered Fall

HUX 513. Literature and the Human Experience. (3 Units)

Examines key literary works across a range of genres. Uses various literary methodologies such as structuralism, Marxism, cultural studies and postcolonial theory to explore the multiple ways literature impacts humanity.

Offered Fall

HUX 514. Music and Hearing Humanity. (3 Units)

Presents music as fundamental to human identity. Engaging hey works, students examine composers, popular movements, and music's rich meaning located through focused topics.

Offered Fall, Spring, Summer

HUX 515. Visual Expression and Humanity. (3 Units)

Special Topics course using nonstandard times and/or days to explore issues in the human behavior and attitudes. Repeatable course.

Offered Fall

HUX 516. Philosophy and Human Being. (3 Units)

Offers a philosophical examination of fundamental questions about being human, such as the good life, human nature, the mind/body relation, and the basis of personal identity. Specific attention will be devoted to the current cohort theme.

Offered Fall

HUX 521. Humanities Encounter: The Living Theatre. (3 Units)

How to recognize, appreciate and evaluate a variety of dramatic experiences. Requires extensive notebook of descriptions and analyses of five different types of theatrical performances. Three additional theatrical encounter descriptions and analyses required.

Offered Fall

HUX 522. Humanities Encounter: Concert Music. (3 Units)

Attendance and analysis of several concerts representing the general categories of symphonic, vocal and chamber music. Critical reviews required for each of four musical encounters. Reviews of two additional musical encounters required.

Offered Spring

HUX 523. Humanities Encounter: Historical Sites. (3 Units)

Exploring the historical roots of one's own community. Requires papers (including photographs) involving descriptions and analyses of three different historical sites. Papers on two additional sites required.

Offered Summer

HUX 524. Humanities Encounter: Film. (3 Units)

Watching and analyzing several films with special focus on the techniques and content of the medium. Requires extensive notebook of descriptions and analyses of five different film experiences. Three additional film experience descriptions and analyses required.

Offered Fall, Spring

HUX 525. Philosophy of Punishment. (3 Units)

Explores the theme of incarceration, including its historical roots, within advanced capitalist societies. We will study the writings of Foucault, Bentham, Gramsci, and other prominent commentators who focus critically on incarceration and living in a carceral society.

Offered Fall

HUX 526. Punishment and Popular Culture. (3 Units)

Students will reflect on an array of media sources to more deeply and critically understand popular culture's engagement with criminality and the justice system and to think about popular culture as a possible resource for criminal justice reform.

Offered Fall

HUX 527. History of American Punishment. (3 Units)

Covers the history of punishment in the United States from the 17th century through the present. Emphasizes historiography and the interconnection of different historical narratives and variables in creating the modern penal system.

Offered Fall

HUX 528. Modern Discipline. (3 Units)

Explores the contemporary manifestations of discipline through an interrogation of the diffuse nature of power. The interdisciplinary humanities texts here offer a reflection on the origins of disciplinary relationality (between the state, sovereign, and subject) and how their evolving relations are revealed in technologies of surveillance and security.

Offered Fall, Spring, Summer

HUX 533. Prisoner Movement and Theory. (3 Units)

An in-depth study of transnational social justice oriented prisoner movements. All assigned texts are written by incarcerated or formerly incarcerated peoples. Students will consider systemic roots of carceral violence while studying how incarcerated peoples have resisted and strategized for abolition.

Offered Fall, Spring, Summer

HUX 534. Race, Class and Gender. (3 Units)

Modeled after the traditional Ethnic Studies and Women's Studies course, this course offers an intersectional analysis of the law, policing, incarceration, and their function in stifling marginalized people from building together.

Offered Fall, Spring, Summer

HUX 535. Criminalization, Colonization, and Counterinsurgency. (0 Units)

Offers a historical perspective on the fluidity of criminalization and how it coalesces around specific bodies at different times to justify oppressive systems from colonization to gentrification.

Offered Fall, Spring, Summer

HUX 536. Abolitionist Futures. (3 Units)

Teases out the differences between liberal reform and abolition of prisons while exploring transformative justice, mutual aid, and how people are already working to eliminate the prison industrial complex.

Offered Fall, Spring, Summer

HUX 537. Building and Reforming the Industrial City in the United States. (3 Units)

An interdisciplinary study of cities in the United States from 1880-1920s, with a focus on the history, literature, art, and social movements of the time period. Topics include poverty, housing, labor, and legal reform, and the start of urban planning.

Offered Fall

HUX 538. Whose House Is It Anyway?: Settler Colonialism, Racial Capitalism, and the U.S. Housing Market. (3 Units)

Explores the settler colonial and racial capitalist roots of the U.S. housing market. Students will explore historical and contemporary housing policies and practices, examine empirical data on communities, and imagine how we can build an equitable housing market.

Offered Fall

HUX 539. Creating Communities: Contemporary Urban Planning and Community Development. (3 Units)

Critically assesses the role of urban planning in shaping communities. Students will examine how the regulation of the use of space impacts community formation and inequality, and how it can be used to create more equitable cities.

Offered Fall

HUX 541. The Rational Perspective. (3 Units)

The meaning of rationality from the perspectives of philosophy, history, literature, music, and art. Special emphasis on the possible differences between scientific and humanistic rationality.

Offered Summer

HUX 542. The Para-rational Perspective. (3 Units)

Interdisciplinary exploration of non-rational alternatives in modern culture, focusing on the nonlogical, the visionary, and the religious/mystical.

Offered Fall

HUX 543. The Autonomous Individual. (3 Units)

Interdisciplinary study of the nature of the creative act, including the following: the artist's vision of self; the defenses of personalism; notions of aesthetics and of symbolic thought.

Offered Infrequent

HUX 544. The Individual and Society. (3 Units)

Exploration of the position of the individual in the classic and modern models of social and political organization; conservatism, liberalism, socialism, anarchism; study of the Utopian tradition; and study of aesthetic theories that connect the artist with society.

Offered Infrequent

HUX 545. The Non-Western World. (3 Units)

Interdisciplinary examination of the non-western world by focusing on cultural characteristics of China and Japan.

Offered Infrequent

HUX 547. World Religious Perspectives. (3 Units)

A survey of ancient and modern religious systems, focusing upon an exploration of the general characteristics of religious beliefs.

Offered Summer

HUX 548. Values and Morality in Twentieth Century Thought. (3 Units)

An examination of values and morality in modern culture against a backdrop of seemingly amoral scientific and technological progress.

Offered Fall

HUX 556. Nobel Laureates: Studies in Modern World Literature. (3 Units)

Examination of representative major works by recent Nobel Laureates whose art epitomizes diverse cultural, literary, and social viewpoints. Authors include Mann, Pirandello, Camus, Kawabata, Solzhenitsyn, Neruda and Bellow.

Offered Spring, All terms

HUX 570. Key Periods and Movements, Art: Contemporary. (3 Units)

Exploration of the complex cultural development known as modern art by investigation of six major artistic movements: Cubism, Expressionism, Dada/Surrealism, Pop Art, Conceptual Art and Technological Art.

Offered Spring

HUX 572. Key Periods and Movements, Philosophy: The Biblical Movement. (3 Units)

Examination of modern scholarship on the Bible and its impact on Christianity; analysis of 3 types of Bible interpretation: Fundamentalism, liberalism and humanism.

Offered Spring

HUX 579. The Arab World: 600 AD to Present. (3 Units)

Prerequisite: HUX 501 is recommended. Political and cultural history of the Arab World from the 7th century to the present. Consideration of historiographic problems such as the "Great Man," cycles, and the influence of ideas on events.

Offered Spring

HUX 582. Seminar in History. (3 Units)

Students will learn and use historical practicum skills, including the proper use of primary sources and secondary source texts, to improve their understanding, to create sound argument, and to communicate thoughtfully about the past.

Offered Fall

HUX 586. Seminar in Philosophy. (3 Units)

Examines and evaluates a range of philosophical arguments on the current HUX cohort theme, giving students an opportunity to develop coherent positions on such philosophical issues as the nature of human existence, knowledge, ethical responsibility and human flourishing.

Offered Fall

HUX 590. Humanities Capstone. (3 Units)

This course is designed to enable students to demonstrate the integration of knowledge from various fields in the Humanities. In addition, the course launches students into their larger communities and offers them a deeper knowledge about the connection between systems of oppression, incarceration, and societal re-entry. This course is taken in the student's final semester.

Offered Fall, Spring

HUX 594A. Independent Study: Literature. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Fall, Spring

HUX 594B. Independent Study: History. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Spring

HUX 594C. Independent Study: Philosophy. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Spring, Summer

HUX 594D. Independent Study: Music. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Summer

HUX 594E. Independent Study: Art. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Spring, Summer

HUX 594F. Independent Study: Interdisc Topic. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator, via signed contract. Individually designed faculty-guided study of a topic in Literature, History, Philosophy, Music, Art, and Interdisciplinary topics. Repeatable for credit. A maximum of 9 units may be taken as Independent Study. No more than 6 units of Independent Study may be taken in one term.

Offered Fall

HUX 595. Special Topics in the Humanities. (3 Units)

Prerequisite: Consent of program coordinator. Concentrated study of a specialized area in the Humanities on a selected topic of particular interest to faculty and students.

Offered As needed

HUX 598S. Final Project Proposal. (1 Units)

Prerequisites: Completion of Phases I and II; consent of instructor and program coordinator via signed contract. Required of all HUX M.A. students. Must be passed with grade of A-B before registering for Final Project (HUX 599).

Offered Fall, Spring, Summer

HUX 599A. Final Project: Thesis. (4-6 Units)

Prerequisites: Completion of Phases I and II; consent of instructor and program coordinator via signed contract. An individually planned project based on course work taken in the program and involving basic research in a single discipline or an interdisciplinary topic. Supervised Thesis (599A) or Creative Project (599B).

Offered Fall, Spring, Summer

HUX 599B. Final Proj: Creative Project. (4-6 Units)

Prerequisites: Completion of Phases I and II; consent of instructor and program coordinator via signed contract. An individually planned project based on course work taken in the program and involving basic research in a single discipline or an interdisciplinary topic. Supervised Thesis (599A) or Creative Project (599B).

Offered Fall, Spring, Summer

HUX 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis or project, or who have other requirements remaining for the completion of their degree, must maintain continuous attendance by enrolling in this course. May be taken only after Advancement to Candidacy and for a maximum of 3 times.

Offered Fall, Spring, Summer

Humanities External, Master of Arts Admission Requirements

The minimum requirements for admission to graduate and post-baccalaureate studies at a California State University campus are in accordance with University regulations as well as Title 5, Chapter 1, Subchapter 3 of the California Code of Regulations.

Specifically, a student shall at the time of enrollment:

1. have completed a four-year college course of study and hold an acceptable baccalaureate degree from an institution accredited by a regional accrediting association, or shall have completed equivalent academic preparation as determined by appropriate campus authorities;
2. be in good academic standing at the last college or university attended;
3. have earned a grade point average of at least 2.5 on the last degree completed by the candidate or have attained a grade point average of at least 2.5 (A=4.0) in the last 60 semester (90 quarter) units attempted; and
4. satisfactorily meet the professional, personal, and other standards for graduate study, including qualifying examinations, as appropriate campus authorities may prescribe.

Students who meet the minimum requirements for graduate studies may be considered for admission in either the Classified or Conditionally Classified standing:

- **Graduate Classified** - to pursue a graduate degree, applicants are required to fulfill all of the professional, personal, scholastic, and other standards, including qualifying examinations prescribed by the campus; or
- **Graduate Conditionally Classified** - Applicants may be admitted to a graduate degree program in this category if, in the opinion of appropriate campus authority, deficiencies may be remedied by additional preparation.

Only students who are currently incarcerated may apply to the program at this time.

Admission Procedures

1. Submit a paper application. Applications may be obtained through the HUX office.
2. Upon receiving and evaluating all eligible paper applications, HUX will then select a round of qualified candidates and invite them to

complete a CSU Apply paper application. Applicants will then pay the \$70.00 non-refundable application fee and submit all required transcripts to the HUX program director.

Mailing address:

California State University, Dominguez Hills
Attention: HUX Applications
1000 E. Victoria Street - North Library 5090
Carson, CA 90747

1. During the first two trimesters after admission, students must fulfill the Graduate Writing Assessment Requirement with a score of eight or better on the Graduate Writing Examination (GWE). The GWE may be repeated one time

Graduation Requirements

1. A minimum of 30-semester units.
2. Not fewer than 21 semester units completed in residency within the program. At the discretion of the program coordinator, a maximum of nine semester units of applicable graduate work may be transferred into the program.
3. An overall grade point average of 3.00 or better.
4. Passing grade on the Humanities Master of Arts in Humanities "Advancement to Candidacy" Examination, which is taken after 16 semester units in the program have been completed.
5. All course work taken in the master's degree program must be completed within the five academic years immediately preceding the date of graduation. Outdated course work completed no more than seven academic years immediately preceding the date of graduation is eligible for validation. Validation of outdated course work may be requested from the University Graduate Studies Office through the HUX Program Coordinator. The request must be accompanied by a Petition for Outdated Coursework Validation for Graduate Program from the program Coordinator that verifies that the student has demonstrated relevant knowledge and skills via an approved method of validation, such as written work or examination.
6. In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies."

Requirements

Requirements (30 units)

During the first semester of the program, students will take two required courses that help establish the scope of the humanities as a constellation of diverse academic and creative disciplines while preparing students to write at a graduate level. In the spring, students will select classes in one of three or more available "blocks." Each block presents four or more different courses that approach a common theme from multiple disciplinary and subject matter perspectives. Students must complete four classes within a single block, as well as, three other classes in one or more of the other available blocks. Students will complete a capstone project, generally during the second semester of their second year, or upon the completion of at least 21 units.

| Code | Title | Hours |
|---------|------------------------------------|-------|
| HUX 506 | Introduction to the Humanities | 3 |
| HUX 507 | Graduate Writing in the Humanities | 3 |
| HUX 590 | Humanities Capstone | 3 |

Blocks: Choose a thematic block and complete four classes within that block (12 units)

Block A: Perspectives on Punishment

| | |
|---------|--------------------------------|
| HUX 525 | Philosophy of Punishment |
| HUX 526 | Punishment and Popular Culture |
| HUX 527 | History of American Punishment |
| HUX 528 | Modern Discipline |

Block B: Abolition and Liberation

| | |
|---------|--|
| HUX 533 | Prisoner Movement and Theory |
| HUX 534 | Race, Class and Gender |
| HUX 535 | Criminalization, Colonization, and Counterinsurgency |
| HUX 536 | Abolitionist Futures |

Block C: Religion Morality and Spirituality (choose four courses)

| | |
|---------|--|
| HUX 541 | The Rational Perspective |
| HUX 542 | The Para-rational Perspective |
| HUX 547 | World Religious Perspectives |
| HUX 548 | Values and Morality in Twentieth Century Thought |
| HUX 572 | Key Periods and Movements, Philosophy: The Biblical Movement |
| HUX 579 | The Arab World: 600 AD to Present |

Block D: Expanding Horizons (Choose four courses)

| | |
|---------|---|
| HUX 521 | Humanities Encounter: The Living Theatre |
| HUX 522 | Humanities Encounter: Concert Music |
| HUX 524 | Humanities Encounter: Film |
| HUX 545 | The Non-Western World |
| HUX 556 | Nobel Laureates: Studies in Modern World Literature |
| HUX 570 | Key Periods and Movements, Art: Contemporary |

Block E: Urban Development

| | |
|---------|--|
| HUX 537 | Building and Reforming the Industrial City in the United States |
| HUX 538 | Whose House Is It Anyway?: Settler Colonialism, Racial Capitalism, and the U.S. Housing Market |
| HUX 539 | Creating Communities: Contemporary Urban Planning and Community Development |
| HUX 582 | Seminar in History |

Electives

Choose three courses from any of the remaining blocks or the following (9 units)

| | |
|----------|------------------------------------|
| HUX 594A | Independent Study: Literature |
| HUX 594B | Independent Study: History |
| HUX 594C | Independent Study: Philosophy |
| HUX 594D | Independent Study: Music |
| HUX 594E | Independent Study: Art |
| HUX 594F | Independent Study: Interdisc Topic |
| HUX 595 | Special Topics in the Humanities |

- Examine critically a broad spectrum of texts and cultural artifacts in humanities disciplines through analysis of primary and secondary resources.
- Apply framework for organizing cultural knowledge using traditional and contemporary theoretical approaches from selected humanities disciplines.

- Compare and evaluate texts and historical events from diverse cultural and national traditions using disciplinary and interdisciplinary methods.
- Identify the applicability of rhetoric and critical thinking to both academic and non-academic situation in life and work.
- Evaluate and research strategies using electronic and/or print media to refine understanding of key question and issues.
- Interrogate the humanities to develop practicable notion of ethical values and social justice.
- Apply knowledge and values derived from the humanities to benefit communities: institutional, local, regional, and global.
- Explain the role of imagination and creativity of humanities.
- Explain human experience from multiple, diverse perspectives, including those that may challenge one's established assumptions.
- Identify and articulate how the degree is directly applicable to valued labor and to specific kinds of employment.

Information Technology

College of Natural and Behavioral and Sciences
Department of Computer Science

Program Description

Information Technology forms the technological infrastructure of modern commerce. It's the driving force of every industry and permeates everyday life. The ability to combine the power of computing with the management of multimedia information is arguable the key to obtaining ascendancy in any field.

Information Technology is an ever-evolving, expanding field. The Information Technology Program will provide students with the background, knowledge, and skills they will need to adapt to the dynamic nature of the marketplace.

The BSIT degree provides a high-quality science degree program in information technology that will prepare the student for lifelong learning as they pursue professional careers in informational technology and leadership roles in the society in which they serve. It provides our students with a strong foundational base, state-of-the-art techniques, methodologies, and tools to specify, design, and develop technology-based solutions to complex system problems. This program prepares our students to communicate well, both orally and in writing, on moral and ethical development, in the knowledge of the liberal arts, and on the commitment to services to others. IT provides opportunities for students to contribute to the body of knowledge that serves the profession, by engaging in activities that support their interests and are in agreement with the goals and objectives of the College, and the university.

Features

The University's location in the South Bay area of greater Los Angeles provides direct access to many major government contractors, manufacturers, and international centers of commerce and finance. This provides excellent opportunities for work-study and early job placement.

Our highly qualified full-time faculty are supplemented by talented and dedicated part-time faculty drawn from local firms and schools. Good teaching and easy on-campus access to professional quality computing systems enhance a degree program that provides both a solid core curriculum and a broad range of electives.

All courses are offered alternatively day and evening so that students may complete their programs by enrolling at either time exclusively.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Information Technology provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills at least 24 of which taken in Computer Science major;
2. A minimum GPA of 3.5 in all upper division courses in the Computer Science major completed in residence at CSUDH;

Students who achieve Honors in Information Technology will have the information recorded on their transcripts and diplomas.

Academic Advisement

Faculty guidance in the development of career goals and program planning to achieve those goals is available to all majors.

Preparation

Students entering the Information Technology program should have completed high school mathematics through trigonometry. Remediation is available but will delay the student's progress toward an Information Technology degree.

This is a program that places a premium on the student's initiative and effort.

Student Organizations

Contact departmental office for membership information, or visit the websites:

Association for Computing Machinery (ACM) ACM@csudh.edu

Institute of Electrical and Electronics Engineers (IEEE) IEEE@csudh.edu

Cyber Security CyberSec@csudh.edu

Computing Alliance of Hispanic-Serving Institutions (CAHSI)

CAHSI@csudh.edu

Career Possibilities

Bachelor of Science in Information Technology is a comprehensive program that is intended to provide students with the technology based skill set required immediately after degree completion to enter the workforce or a graduate program. Feedback and letters of support from members of our Industry Advisory Board indicate the need for professionals with the balance of practical and theoretical knowledge that extends beyond conventional information technology curricula.

Undergraduate Programs

Bachelor

- Information Technology, Bachelor of Science (p. 613)

Faculty

Mohsen Beheshti, Department Chair
Jianchao (Jack) Han, Marek Suchenek, Bin Tang, Amlan Chatterjee,
Liudong Zuo, Alireza Izaddoost, Brad Hollister, Kkondaker Salehin

Emeriti Faculty

William B. Jones, Kazimierz Kowalski

Staff

Violeta Diaz, Administrative Assistant

Ken Leyba, IT Consultant

Department Office: NSM A-132, (310) 243-3398

<http://csc.csudh.edu>

Courses

ITC 101. Introduction to Information Technology. (3 Units)

Designed to introduce the fundamentals of information technology.

This includes, introduction to a variety of computer tools and computer concepts with an emphasis on information technology

Offered Fall, Spring

ITC 251. System Programming in C and Unix. (3 Units)

Prerequisite: CSC 121 is required. Provides a substantial exposure to the C programming language and the Unix programming environment for students with some prior programming experience but minimal exposure to C.

Offered Fall, Spring

ITC 300. Security in a Digital Society. (3 Units)

This course provides students with an understanding of what is involved in the journey of positioning the computer, security, privacy, internet, and cloud as a valuable service provide to the business and personal life of the digital society.

Offered Fall, Spring

ITC 310. IT Project Management. (3 Units)

Prerequisite: CSC 301 is required. Aims to provide students with the basic skills, knowledge and competence to effectively understand and manage information technology projects. This course prepares students to gain a practical and theoretical foundation for managing IT projects.

Offered Fall, Spring

ITC 395. Selected Topics in Information Technology. (1-3 Units)

Prerequisite: Consent of Instructor. Content varies. Topics in computer technology not covered by current course offerings. May be used for elective credit in departmental programs. Subject to approval.

Offered As needed

ITC 399. IT Practicum. (3 Units)

Prerequisite: Consent of instructor is required. The information technology internship program allows students to gain hands-on experience in a technology environment by spending one semester as an intern in the Information Technology Division or a related area. The internship program provides students with the opportunity to gain technical experience related to their studies and to prepare them for future career opportunities in the field. CR/NC grading only.

Offered Fall, Spring

ITC 453. Database Management Systems (DBMS). (3 Units)

Prerequisite: CSC 311 is required. Covers the design methodology process for databases and how to verify its structural correctness. Students will learn how to implement databases and applications software, primarily in the relational model. This is through using querying languages, primarily SQL, and other database supporting software; and applying the theory behind various database models and query languages. It also includes implementing security and integrity policies relating to databases working in group settings during design.

Offered Fall, Spring

ITC 459. IT Security. (3 Units)

Prerequisite: CSC 311 or consent of instructor is required. Information Technology Security aims at securing systems that remain dependable in the face of malice, error or mischance. This course covers a number of principles, methods, tools and good practices to secure systems.

Offered Fall, Spring

ITC 492. Senior Design. (3 Units)

Prerequisite: ITC 453 is required. Intensive study under the guidance of a member of the Information Technology (IT) faculty to complete a research project from start to end. Students will study system design and total project planning and management. A formal written report and oral presentation will be required.

Offered Fall, Spring

Information Technology, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (73 units)

Students entering the Information Technology program must complete the following:

1. Earn an overall grade point average of 2.0 or better in courses taken outside of the department;
2. Earn a grade of "C" or better in each course taken within the department;
3. Students must take capstone course ITC 492 Senior Design at CSUDH.

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| ITC 101 | Introduction to Information Technology | 3 |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| CSC 123 | Introduction to Computer Science and Programming II | 4 |

| | | |
|---|--|-----------|
| ITC 251 | System Programming in C and Unix | 3 |
| CTC 228 | Introduction to Operating Systems and Networks | 4 |
| CSC 255 | Dynamic Web Programming | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHY 100 | Patterns In Nature | 3 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| Science- Any Physical or Life Science | | 3 |
| Any Physical Science with Lab and/or any Life Science with lab | | 10 |
| Upper Division Requirements ¹ | | |
| CSC 301 | Computers and Society | 3 |
| ITC 310 | IT Project Management | 3 |
| CSC 311 | Data Structures | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| CTC 362 | Communication Systems Security | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| ITC 453 | Database Management Systems (DBMS) | 3 |
| ITC 459 | IT Security | 3 |
| ITC 492 | Senior Design | 3 |
| Complete two CSC Elective Courses - Recommended IT Architecture | | 6 |
| Total Hours | | 80 |

¹ A minimum of 18 upper division units in the major must be taken in residence at CSU Dominguez Hills.

4- Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| MAT 131 | Elementary Statistics and Probability (GE B4) | 3 |
| HIS 101 | History Of United States (statutory requirement) | 3 |
| ITC 101 | Introduction to Information Technology | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| Hours | | 15 |
| Spring | | |
| CSC 121 | Introduction to Computer Science and Programming I (see academic advisor for GE Area A3 credit) | 4 |
| BIO 102 | General Biology (GE B2) | 3 |
| BIO 103 | General Biology Laboratory (GE B3) | 1 |
| POL 101 | American Institutions (statutory requirements) | 3 |
| GE Area C1 Arts Courses | | 3 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| CSC 123 | Introduction to Computer Science and Programming II | 4 |
| CSC 255 | Dynamic Web Programming | 3 |
| CSC 281 | Discrete Structures | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 13 |
| Spring | | |
| ITC 251 | System Programming in C and Unix | 3 |
| CTC 228 | Introduction to Operating Systems and Networks | 4 |
| CSC 311 | Data Structures | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |

| | | |
|---|---|------------|
| PHY 100 | Patterns In Nature (GE B1) | 3 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| CSC 301 | Computers And Society (GE Area B5) | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| ITC 399 | IT Practicum | 3 |
| GE Area C1 or C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| ITC 310 | IT Project Management | 3 |
| ITC 453 | Database Management Systems (DBMS) | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Additional PHY or Life Science Course | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| CTC 362 | Communication Systems Security | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| ITC 459 | IT Security | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 18 |
| Spring | | |
| ITC 492 | Senior Design | 3 |
| CSC or ITC Elective Course 1 | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| CSC or ITC Elective Course 2 | | 3 |
| Hours | | 15 |
| Total Hours | | 121 |

2-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| CSC 301 | Computers And Society (GE B5) | 3 |
| CSC 311 | Data Structures | 3 |
| CTC 316 | Operating Systems and Networks Support | 3 |
| ITC 399 | IT Practicum | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| ITC 310 | IT Project Management | 3 |
| ITC 453 | Database Management Systems (DBMS) | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Elective to meet 120 units | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| CTC 362 | Communication Systems Security | 3 |
| CTC 452 | Network Security and Hacking Prevention | 3 |
| ITC 459 | IT Security | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Spring | | |
|--------------------------------------|---------------|-----------|
| ITC 492 | Senior Design | 3 |
| CSC or ITC Upper Division Elective 1 | | 3 |
| CSC or ITC Upper Division Elective 2 | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Interdisciplinary Studies

College of Arts and Humanities
Department of Interdisciplinary Studies

Program Description

Interdisciplinary Studies (IDS) is a broad-based, liberal arts and sciences major that focuses on developing exemplary skills in written and oral communication, textual analysis, critical thinking, research methods, and the ability to bring a wide range of resources to bear in approaching complex problems. Because it combines knowledge systems across the meta-disciplines of the Humanities, Social Sciences, and Natural Sciences, an IDS major is great preparation for both the workplace and for entry into graduate or professional schools. IDS is part of a national network of Programs for Accelerated College Education (PACE) that are designed for working, adult students who want to earn a bachelor's degree in a reasonable period of time while they maintain a full-time job. While all admitted students are welcome, IDS/PACE students are primarily transfers who enter CSUDH with 60 units and junior-class standing.

Features

IDS/PACE offers major concentrations in four areas of study: American Studies, Comparative Cultures, Environmental Studies, and Global Studies. As a PACE program, IDS courses are scheduled at times that function well for working people, including week nights and weekends, as well as in hybrid and online formats. For students whose schedules require that they attend classes only on the weekends, IDS offers a full Weekend College format.

Academic Advising

Interdisciplinary Studies provides each student with a faculty advisor, a person who will assist the student in choosing classes, in defining a direction for the program of studies, and in coping with problems associated with both traditional and nontraditional areas of university life. The faculty advisor will expect to meet with each of his or her students at least once each semester to discuss progress-to-date and to plan the next semester's course of study. Students are encouraged to see their mentors more often during the school year as problems, concerns and new ideas arise.

Preparation

While an associate of arts degree before entering IDS/PACE is not necessary, we advise you to complete most of your lower division General Education requirements before transferring. Applicants will qualify for admission to IDS/PACE if they have completed 60 transferable semester units, have a grade point average of "C" (2.0) or better and have completed the General Education Basic Skills courses (The "Golden Four:" Speech, Composition, Critical Thinking, and a transferable math) with grades of "C-" or better. The maximum number of transferable units from

a community college is 70 semester units. Always check the University Catalog for current transfer requirements.

IDS/PACE is open to all students who are admitted to the University. Working students who find that the regular programs of the campus do not meet their specific needs should contact the IDS/PACE Office for an appointment with a faculty advisor.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Interdisciplinary Studies provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Career Possibilities and Graduate School

With its focus on critical thinking and writing and comprehensive course offerings, IDS/PACE graduates have the skills and knowledge to promote in workplace and successfully pursue graduate school. Our graduates have gone on to attend graduate school in Social Work, Public Health, English, Psychology, Public Administration, Business, Museum Studies, and Law.

Undergraduate Programs

Bachelor

- Interdisciplinary Studies, Bachelor of Arts (p. 619)

Minor

- Environmental Studies, Minor (p. 617)
- Global Studies, Minor (p. 617)
- Interdisciplinary Studies, Minor (p. 623)

Faculty

Anne Choi, Department Chair
Jenny Hall, Patricia Kalayjian, Annemarie Perez, Vivian Price

Program Office: SCC 130, (310) 243-3649, (310) 243-3640

Emeriti Faculty

Patricia Cherin, Myrna C. Donahoe, Catherine Jacobs

Courses

IDS 210. Introduction to Environmental Studies. (3 Units)

Provides students with an overview of environmental philosophy, policy, and literature examining a range of interrelated social and scientific aspects of ecological, socioeconomic, political, aesthetic, and technological factors that influence the quality of life on earth. Offered Fall, Spring, Summer

IDS 255. Lang & Meth Of Sci (PACE). (3 Units)

Offered Infrequent

IDS 295. Special Topics in Interdisciplinary Studies. (3 Units)

A broad study of an issue or a concept in Interdisciplinary Studies that is of special interest to faculty and students. Topics vary (e.g., Special Topics: Labor and the Environment, Environmental Ethics, Global Sustainability; Environmental Literature; Water in the American West). Repeatable course. Three hours of lecture per week.
Offered Fall

IDS 300. Introduction to Interdisciplinary Studies. (3 Units)

Provides an introduction to the theories and practices of interdisciplinary studies in humanities, social sciences, and natural sciences. Course includes research methods, writing for the various disciplines, and development of analytical and synthesizing skills necessary for success in Interdisciplinary Studies.
Offered Fall

IDS 304. Issues in Global Studies. (3 Units)

Explores issues confronting our global community by employing multi-disciplinary, transnational, and post colonial approaches; examines how global studies is defined and its impact historically and currently; acquaints students with regional concerns as distinct from and contributing to global issues.
Offered Fall, Spring

IDS 310. Global Climate Change. (3 Units)

Examines the history of climate science and how acceptance and denial of science impacts the geopolitical landscape, including personal, regional, national, and global responsibility to implement a transition to a just and sustainable future on a finite planet.
Offered Fall, Spring

IDS 312. Interdisciplinary Approaches to the Humanities. (3 Units)

Each topic for this course examines an important issue in the Humanities, using a methodology incorporating multiple disciplines and placing the content in a historical and cultural context.
Offered Fall, Spring

IDS 318. Interdisciplinary Approach to Cultural Pluralism. (3 Units)

Each topic for this course examines an important social issue in the Social Sciences, using a methodology incorporating multidisciplinary approaches, cultural diversity, and social interaction. Repeatable for credit with different topics.
Offered Fall, Spring

IDS 320. Interdisciplinary Topics in Human Studies. (3 Units)

Provides an in-depth study of a topic in human behavior and attitudes. The topic will be examined using interdisciplinary perspectives. Examples of topics include class and careers, immigration and cultural impact and poverty. Repeatable course. Three hours of seminar per week.
Offered Fall, Spring, All terms

IDS 321. Global Los Angeles. (3 Units)

How does a locality - Los Angeles - become identifiable as a global city? One aspect of LA's global status is its diverse population, but other influences include international trade, economic interests, popular culture, environmental entanglements, among many interrelated globalizing factors.
Offered Fall, Spring

IDS 322. Transnational Stories. (3 Units)

Using literature, film, and other visual and narrative forms, course explores the differences and commonalities of representation in the works of the human imagination in a global and historical context.
Offered Fall, Spring

IDS 325. Global Gender and Sexuality. (3 Units)

Examines the emergence and development of lesbian, gay, bisexual, transgender rights movements around the world. Course themes include the intersectionalities of race/ethnicity and class with gender and sexuality; the dynamic nature of identity; and cultural, political, religious, and historical contexts.
Offered Fall, Spring

IDS 326. Perspectives In Human Studies. (3 Units)

Special Topics course using nonstandard times and/or days to explore issues in the human behavior and attitudes. Repeatable course.
Offered Fall, Spring, All terms

IDS 330. Interdisciplinary Topics in Civilizations. (3 Units)

Provides an in-depth analysis of a major topic in the history of ideas and institutions through the study of the topic in relation to the disciplines relevant to the topic. Sample topics include archetypal patterns in literature and history of modern thought. Repeatable course.
Offered Fall, Spring, Summer, All terms

IDS 332. Global Conflict and Cooperation. (3 Units)

Using social science methods and providing an historical context, course explores ways in which globalization may generate social, political, economic, or environmental pressures and conflicts as well as elicit and even enable cooperation among individuals, localities, regions, and nations.
Offered Fall, Spring

IDS 336. American Studies in the Humanities. (3 Units)

Provides an in-depth analysis of an issue, region, perspective, or historical era of the United States from a comparative, multidisciplinary humanities perspective. Courses incorporate some of the following disciplines: literature, history, film, philosophy, art, and drama. Repeatable with different topics.
Offered Fall, Spring, All terms

IDS 340. Interdisc Perspectives. (3 Units)

Offered Infrequent

IDS 341. Developing a Digital Professional Identity. (1 Units)

Introduces writing concepts critical to transitioning into a professional writing practice. Students will learn to recognize and apply patterns of writing in professional settings. Students will assess and synthesize organizational information and compose digital compositions for public facing content.
Offered Fall, Spring

IDS 350. Interdisciplinary Topics in Environmental Studies. (3 Units)

Provides an in-depth examination of major concepts in environmental science, including ecology, evolution, diseases, loss of biodiversity, global warming, and the public policies needed to address complex contemporary problems. Courses involve methods of scientific inquiry. Repeatable with different topics.
Offered Fall, Spring

IDS 353. California Ecosystems. (3 Units)

This course will examine the diversity of California's ecosystems historically and the ways they have influenced and responded to human activities. It will also explore the current crisis that these ecosystems face due to climate change.
Offered Fall

IDS 360. Special Studies in Civilizations. (1-3 Units)

Prerequisites: Upper division status and permission of instructor. This course will investigate one or more special topics in Western and/or Non Western civilizations. Instruction will usually include off-campus activity such as, but not limited to, foreign travel. Repeatable course
Offered Infrequent

IDS 395. Special Topics. (1-3 Units)

Intensive study of a particular aspect of interdisciplinarity. Topic may provide the opportunity to pursue a creative endeavor in a seminar setting. Repeatable for credit. Exact topic will be listed in the class schedule.

Offered As needed

IDS 397. Writing Adjunct. (2 Units)

Prerequisites: ENG 108/109 or ENG 110 required. IDS 397 and IDS 398 are two linked courses that provide the opportunity for students to develop a writing practice that allows them to situate themselves as writers, readers, and students within broader disciplinary conversations.

Students will become fluent readers and writers across a variety of disciplines as they establish a writing practice. Students will learn and apply theories and scholarship from a variety of disciplines in order to write original essays and/or research projects. At the end of the IDS 397, students will create a writing portfolio to document the transformation of their writing. Students are welcome to take IDS 397 as a stand-alone course for writing support. To fulfill the GVAR requirement, students must take IDS 397 and IDS 398.

Offered Fall, Spring

IDS 398. Writing Adjunct (Competency Certification). (2 Units)

Prerequisite: IDS 397. IDS 397 and IDS 398 are two linked courses that provide the opportunity for students to develop a writing practice that allows them to situate themselves as writers, readers, and students within broader disciplinary conversations. Students will become fluent readers and writers across a variety of disciplines as they establish a writing practice. Students will learn and apply theories and scholarship from a variety of disciplines in order to write original essays and/or research projects. At the end of the IDS 398 students will create a writing portfolio to document the transformation of their writing. When both IDS 397 and IDS 398 are taken, the two courses fulfill GVAR.

Offered Fall, Spring

IDS 490. Interdisciplinary Studies Senior Seminar. (3 Units)

Students draw from their interdisciplinary perspectives and methodologies to address contemporary issues and review and apply theories and information from previous classes. A grade of C or better in this course fulfills the GVAR requirement for all Interdisciplinary Studies majors.

Offered Infrequent

IDS 491. Thematic Proj Proposal. (1 Units)

Prerequisite: Consent of instructor. Supervised development of a proposal which describes the Thematic Project. Proposal will define a problem, outline means to solve problem and describe the final product resulting from the project. Completed proposal contain advisor's justification and will be approved by committee. CR/NC grading.

Offered Fall, Spring

IDS 492. Thematic Proj Fieldwork. (1-4 Units)

Prerequisite: Consent of instructor. Supervised activity in fieldwork and/or research necessary to carry through a thematic project. Repeatable course.

Offered Infrequent

IDS 493. Them Proj:Final Product. (1-4 Units)

Prerequisite: Consent of instructor. Supervised activity in preparation of the final product necessary to carry through a thematic project.

Repeatable course.

Offered Infrequent

IDS 494. Independent Study. (2-15 Units)

Independent pursuit of a topic or project which is proposed by the student. Study must be interdisciplinary and must be approved, in advance, by faculty member supervising study. Repeatable course.

Offered Infrequent

IDS 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered Infrequent

Environmental Studies, Minor Requirements

The Minor in Environmental Studies consists of a minimum of 15 semester units of courses which must form an integrated theme in Environmental Studies.

Global Studies, Minor

A Global Studies Minor requires 18 units, of which a minimum of 12 units must be upper division coursework; at least 6 units of the minor must have the IDS prefix. Courses that fulfill General Education requirements may be double-counted for the minor. In addition to the single required courses, IDS 304 Issues in Global Studies, students who minor in Global Studies must take two courses (6 units) that focus on a single geographic region, one course (3 units) in Global Arts and Cultures, and two courses (6 units) in the study of a single global issue. All courses included as elective options are 3 units each.

A Global Studies Minor requires 18 units, of which a minimum of 12 units must be upper division coursework; at least 6 units of the minor must have the IDS prefix. Courses that fulfill General Education requirements may be double-counted for the minor. In addition to the single required courses, IDS 304 Issues in Global Studies, students who minor in Global Studies must take two courses (6 units) that focus on a single geographic region, one course (3 units) in Global Arts and Cultures, and two courses (6 units) in the study of a single global issue. All courses included as elective options are 3 units each.

Requirements

| Code | Title | Hours |
|---|--|-------|
| Geographical Area | | |
| Select two courses from one of the following geographic regions: ¹ | | 6 |
| The Americas: | | |
| CHS 100 | Chicana/o Cultural Roots | |
| AFS 311 | Afro Latinidad & the Caribbean | |
| ANT 333 | Ancient Peoples Of Mexico | |
| ANT 334 | Mesoamerica Past and Present | |
| ANT 342 | South America | |
| CHS 345 | Latina/o Identities in the Americas | |
| HIS 366 | Colonial Latin America | |
| HIS 367 | Modern Latin America | |
| IDS 318 | Interdisciplinary Approach to Cultural Pluralism | |

| | | |
|---|--|---|
| IDS 321 | Global Los Angeles | |
| POL 343 | Political Behavior in Latin America | |
| POL 344 | Latin America: The Revolutionary Tradition | |
| Asia: | | |
| APP 101 | Introduction To Asian Studies | |
| ANT 338 | Mainland Southeast Asia | |
| APP 327 | Values and Communication of Asian Pacific Cultures | |
| HIS 363 | Modern China | |
| PHI 384 | Philosophies of India, China and Japan | |
| Europe: | | |
| HIS 311 | Medieval Europe | |
| HIS 312 | Renaissance and Reformation | |
| HIS 313 | The Age of Absolutism and Enlightenment | |
| HIS 314 | Emergence Modern Europe | |
| HIS 315 | 20th Century Europe | |
| HIS 318 | History of Medieval Russia | |
| HIS 319 | History of Imperial Russia, 1689-1917 | |
| HIS 320 | History of the USSR and Post-Soviet Russia | |
| POL 350 | History of Political Ideas | |
| Middle East and North Africa: | | |
| HIS 370 | History of Early Monotheism | |
| POL 342 | Government and Politics of the Middle East | |
| Sub-Saharan Africa: | | |
| AFS 201 | African World Civilizations | |
| HIS 360 | African History to the 1880's | |
| HIS 361 | African History from the Colonial Era to the Present | |
| PHI 371 | African World Religions | |
| Required Course | | |
| IDS 304 | Issues in Global Studies | 3 |
| The Arts and Cultures² | | |
| Select one course from the following: 3 | | |
| SPA 221 | Intermediate Spanish II | |
| AFS 331 | Key Movements: African Literature and Culture | |
| AFS 334 | African Culture and Art | |
| ANT 337 | Ethnography and Film | |
| APP 315 | Asian Pop Culture and Globalization | |
| APP 325 | Asian Pacific Art, Music and Literature | |
| ART 337 | | |
| ART 363 | | |
| DAN 355 | Forces and Figures in Dance | |
| ENG 335 | Readings in World Literature | |
| ENG 347 | Literature of Ethnicity and Gender | |
| IDS 322 | Transnational Stories | |
| MUS 345 | Global Popular Music: Identity and Social Change | |
| Issues | | |
| Select two courses in one of the following global issues: 6 | | |
| The Global Environment: | | |
| GEO 200 | Physical Geography | |
| EAR 370 | The World Ocean | |
| GEO 350 | World Geography | |

| | | |
|--|--|--|
| IDS 310 | Global Climate Change | |
| NCR 387 | Environment and Peacebuilding | |
| PHI 379 | Contemporary Moral Issues | |
| Global Conflict and Cooperation: | | |
| POL 100 | General Education Political Science: World Perspectives | |
| SOC 102 | Understanding Social Relationships in a Global Perspective | |
| ANT 315 | Magic & Religion | |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | |
| IDS 332 | Global Conflict and Cooperation | |
| GEO 350 | World Geography | |
| HIS 352 | Topics in United States Foreign Relations History | |
| NCR 390 | Fundamentals of Conflict Resolution and Peacebuilding | |
| PHI 383 | Comparative Religions | |
| POL 331 | International Terrorism | |
| Global Political Economy and Development: | | |
| ANT 336 | Comparative Cultures: Culture, Environment and Globalization | |
| HIS 310 | The Ancient World | |
| PHI 331 | Social & Political Philosophy | |
| POL 100 | General Education Political Science: World Perspectives | |
| POL 335 | Introduction to International Relations | |
| POL 336 | Theories of International Relations | |
| POL 340 | Introduction to Comparative Politics | |
| SOC 311 | Global Organizations and Social Processes | |
| Gender in a Global Context: | | |
| WMS 250 | Foundations in Women's Studies | |
| ENG 347 | Literature of Ethnicity and Gender | |
| HIS 380 | Women In History | |
| IDS 325 | Global Gender and Sexuality | |
| POL 325 | Women and Politics in the United States | |
| PSY 376 | Psychology Of Gender | |
| SOC 334 | Women In Society | |

Total Hours **18**

¹ Up to 6 units in the Geographical Area may be fulfilled by Study Abroad. Please consult only with the Global Studies minor advisor for evaluation.

² Other intermediate-level modern language courses (e.g., French, Japanese, Arabic) may be used to fulfill this requirement.

*Lower division coursework (100-200 level) is limited to no more than 6 units of the 18 required for the minor. Some lower division courses for the minor also fulfill General Education requirements

Interdisciplinary Studies, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (45 units)

Each Area of Concentration consists of a minimum of 45 semester units that are grouped in a unique structure.

Common to each of the Areas of Concentration is the following:

- Every IDS major is required to take IDS 300 Introduction to Interdisciplinary Studies during the student's first academic year in the major; each major is required to take a Senior Seminar, IDS 490 Interdisciplinary Studies Senior Seminar, in their final academic year in the major;
- There must be a minimum of 39 semester units of upper division course work, including the introductory course (IDS 300 Introduction to Interdisciplinary Studies) and Senior Seminar (IDS 490 Interdisciplinary Studies Senior Seminar);
- A minimum of 21 semester units of courses used to fulfill the Area of Concentration must be appropriate Interdisciplinary Studies courses;
- A minimum of 24 units of course work must be completed after the student has entered the Interdisciplinary Studies program and has agreed on the Area of Concentration with his/her Interdisciplinary Studies mentor;
- A minimum of nine semester units selected from each of three main areas of humanities, social sciences and natural sciences;
- A grade of "C" or better is required for all courses used to complete an Interdisciplinary Studies Area of Concentration; The completed program is then reviewed by the core faculty of Interdisciplinary Studies who must approve the program before it is submitted to meet graduation requirements.

Area of Concentration in American Studies (45 units)

| Code | Title | Hours |
|---------|---|-------|
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar | 3 |

Select 27 semester units of courses, with assistance of a faculty member, that form a closely related cluster or sequence of courses that cross the lines of several disciplines and provide a focused, interdisciplinary study of the United States from a variety of perspectives from multiple time periods

Select 12 semester units of courses that may relate less directly to the Area of Concentration with the assistance of a faculty mentor.

Total Hours 45

Area of Concentration in Comparative Cultures (45 units)

| Code | Title | Hours |
|---------|---|-------|
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar | 3 |

Select 27 semester units of courses, with assistance of a faculty member, that form a closely related cluster or sequence of courses that cross the lines of several disciplines and provide a focused, interdisciplinary study that compares and contrasts cultures across various borders - such as those of time, social institutions, and geography

Select 12 semester units of courses that may relate less directly to the Area of Concentration with the assistance of a faculty mentor.

Total Hours 45

Area of Concentration in Environmental Studies (45 units)

| Code | Title | Hours |
|---------|---|-------|
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar | 3 |

Select at least 21 semester units are chosen principally from the natural sciences, providing a focused Area of Concentration in Environmental Studies.

Select 18 semester units of courses that may relate less directly to the Area of Concentration with the assistance of a faculty mentor.

Total Hours 45

Area of Concentration in Global Studies (45 units)

| Code | Title | Hours |
|---------|---|-------|
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar | 3 |

Select 27 semester units of courses, with assistance of a faculty member, that form a closely related cluster or sequence of courses that cross the lines of several disciplines and provide a focused, interdisciplinary study of the complex relationships that underpin today's global economy.

Select 12 semester units of courses that may relate less directly to the Area of Concentration with the assistance of a faculty mentor.

Total Hours 45

Program Learning Outcomes

Upon completion of the Bachelor of Arts in Interdisciplinary Studies, a degree recipient will be able to:

- Read, analyze and interpret effectively varied sources of information, such as scientific data and research conclusions; literary, philosophical, historical, visual, and theoretical texts; and social, cultural, and political findings
- Write with clarity, organization, and precision in a variety of modes (argument, analysis, synthesis).

- Speak publicly in formal and informal settings, presenting information that is well-organized, accurate, and instructive.
- Exhibit computer and information literacy, including the skills to research with discrimination diverse topics using both the traditional library and other resources.
- Integrate information from a range of disciplines into complex problem-solving techniques that are transferable from one context to another.
- Demonstrate an understanding and appreciation of both the diversity and the multicultural heritage of our society and community.

American Studies Concentration 4-Year Roadmap

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area C or D | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 | | 3 |
| GE Area F | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| IDS 320 | Interdisciplinary Topics in Human Studies | 3 |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| GWAR Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 326 | Perspectives In Human Studies | 3 |
| IDS 330 | Interdisciplinary Topics in Civilizations | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |

Fourth Year

| Course | Title | Hours |
|--------------------|---|------------|
| Fall | | |
| IDS Elective | | 3 |
| GE Area B5 | | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 336 | American Studies in the Humanities | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| IDS Elective | | 3 |
| Hours | | 15 |
| Total Hours | | 121 |

¹ GWAR-Certifying course

2-Year Roadmap

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 320 | Interdisciplinary Topics in Human Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| GWAR Requirement | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 326 | Perspectives In Human Studies | 3 |
| IDS 330 | Interdisciplinary Topics in Civilizations | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| GE Area B5 | | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 336 | American Studies in the Humanities | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ GWAR-Certifying course

Comparative Cultures Concentration

4-Year Roadmap

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| GE Area A1 | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| BE Area B4 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area C or D | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 | | 3 |
| GE Area F | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 320 | Interdisciplinary Topics in Human Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| Hours | | 12 |
| Spring | | |
| IDS 330 | Interdisciplinary Topics in Civilizations | 3 |
| IDS 326 | Perspectives In Human Studies | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 336 | American Studies in the Humanities | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| Elective Course | | 2 |

| | |
|--------------------|------------|
| Elective Course | 3 |
| Hours | 14 |
| Total Hours | 117 |

¹ GWAR-Certifying course

2-Year Roadmap

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 320 | Interdisciplinary Topics in Human Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| Hours | | 12 |
| Spring | | |
| IDS 326 | Perspectives In Human Studies | 3 |
| IDS 330 | Interdisciplinary Topics in Civilizations | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 336 | American Studies in the Humanities | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 57 |

¹ GWAR-Certifying Course

Environmental Studies Concentration

4-Year Roadmap

| Course | Title | Hours |
|-------------------|--------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |

| Second Year | | |
|-------------------------------------|---|------------|
| Fall | | |
| GE Area A1 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area C or D | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 | | 3 |
| GE Area F | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| Hours | | 12 |
| Spring | | |
| BIO 336 | Environmental Biology | 3 |
| Environmental Studies Concentration | | 3 |
| IDS Elective | | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| Environmental Studies Concentration | | 3 |
| IDS Elective | | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 118 |

¹ GWAR-Certifying course

2-Year Roadmap

| Course | Title | Hours |
|-------------------|---|-----------|
| First Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| Hours | | 12 |
| Spring | | |
| BIO 336 | Environmental Biology | 3 |
| GE Area B5 | | 3 |

| | | |
|-------------------------------------|---|-----------|
| IDS Elective | | 3 |
| Environmental Studies Concentration | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Environmental Studies Concentration | | 3 |
| GE Area D3 | | 3 |
| IDS Elective | | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 57 |

¹ GWAR-Certifying Course

Global Studies Concentration

4-Year Roadmap

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area C or D | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 | | 3 |
| GE Area F | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 320 | Interdisciplinary Topics in Human Studies | 3 |

| | | |
|--------------------|---|------------|
| GE Area C3 | | 3 |
| IDS Elective | | 3 |
| Hours | | 12 |
| Spring | | |
| IDS 326 | Perspectives In Human Studies | 3 |
| IDS 330 | Interdisciplinary Topics in Civilizations | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| GE Area B5 | | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 336 | American Studies in the Humanities | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 118 |

¹ GAWR-Certifying course

2-Year (Transfer) Roadmap

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| IDS 300 | Introduction to Interdisciplinary Studies | 3 |
| IDS 320 | Interdisciplinary Topics in Human Studies | 3 |
| GE Area C3 | | 3 |
| IDS Elective | | |
| Hours | | 9 |
| Spring | | |
| IDS 326 | Perspectives In Human Studies | 3 |
| IDS 330 | Interdisciplinary Topics in Civilizations | 3 |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area D3 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| IDS 350 | Interdisciplinary Topics in Environmental Studies | 3 |
| IDS Elective | | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| IDS 336 | American Studies in the Humanities | 3 |
| IDS 490 | Interdisciplinary Studies Senior Seminar ¹ | 3 |
| IDS Elective | | 3 |
| Elective Course | | 3 |

| | |
|--------------------|-----------|
| Elective Course | 3 |
| Hours | 15 |
| Total Hours | 54 |

¹ GAWR-Certifying courses

Interdisciplinary Studies, Minor Requirements

Interdisciplinary Studies offers four minors, plus a Thematic Project, which may serve in lieu of a required minor. All minors require a minimum of 15 semester units, at least six units of which must be from Interdisciplinary Studies Courses, and at least 12 units of which must be upper division. Upon completion of an Interdisciplinary Studies Minor, students must develop a short essay that explains the thematic rationale used to develop the minor. Each student's minor is reviewed and approved by Interdisciplinary Studies core faculty prior to submission to meet graduation requirements.

At least three of the courses (9 units) used by the student to complete the minor must be taken after the student has chosen the minor and has been advised by an Interdisciplinary Studies mentor.

A grade of "C" or better is required for all courses used in Interdisciplinary Studies minors.

Japanese

College of Arts and Humanities
Department of Modern Languages

Features

The offerings in Japanese include elementary Japanese language and conversation courses. These courses are ideal choices for students minoring in Asian-Pacific Studies, as well as for those students interested in learning a non-European language.

Academic Advising

The Department of Modern Languages is eager to provide all its students with the advisement they will need to continue their studies in a foreign language. An advisor can be particularly helpful in choosing the Japanese course best suited to the background and needs of each student.

Students are urged to see an advisor upon admission, upon completion of 60 semester units, and during the first semester of their senior year.

Academic advisors may refer their students to other student services when appropriate.

Faculty

Benito Gomez, Department Chair
Sachi Johnston Katagiri
Department Office (Modern Languages): LCH C-308, (310) 243-3315

Courses

JPN 110. Beginning Japanese I. (3 Units)

An intensive audio-lingual approach to modern spoken Japanese for students who have no previous work in Japanese (with Japanese progressively replacing English as the medium of classroom communication).

Offered Fall, All terms

JPN 111. Beginning Japanese II. (3 Units)

Prerequisite: JPN 110 or equivalent. A continuation of Japanese 110. Introduction of Hiragana and Kanji (characters) gradually during the semester; elementary reading exercises accompany the spoken language materials.

Offered Spring

JPN 230. Japanese Conversation. (3 Units)

Prerequisite: One year of Japanese or consent of instructor. Speaking proficiency in standard modern Japanese. Practice through dialogue and individual presentations to develop fluency for personal, commercial, and cultural activities. May be repeated to a maximum of 6 units. Repeatable course.

Offered Infrequent

Journalism

College of Arts and Humanities
Department of Communications

Program Description

The Bachelor of Arts in Journalism degree program is dedicated to high standards in journalistic practices, skills, and specializations with a strong focus on analytical reasoning, critical thinking and problem solving. Through innovative teaching practices, the program provides a broad-based curriculum designed to promote news and information literacy; proficiency in the various journalistic forms and styles; an understanding of the new media landscape; and information dissemination practices through contemporary and emerging media tools. The program is committed to freedom of the press, freedom of expression, freedom of inquiry, and the questioning of dominant institutional practices and ideologies. It encourages dedication to ethical practices including truth, accuracy, fairness, diversity, inclusivity, and independence. Students seeking careers in digital, broadcast, print, and contemporary news media will complete the program proficient in journalistic practices including writing, research, reporting, interviewing, editing, and publishing across multiple platforms. Students will demonstrate an understanding of the technological, professional, and economic changes that transform the industry through a thorough examination of media institutions and structures. The program provides an understanding of media representations of gender, race, ethnicity, and sexual orientation, and encourages professional practice that respects all forms of diversity, equity and inclusion. It trains students to be sensitive to and provide a voice for underserved populations and communities; works in the public interest; and encourages community engagement and social responsibility to audiences and the society at large. Students who graduate with a Journalism degree compete for journalism careers regionally, nationally and globally.

Preparation

High school students are encouraged to take college preparatory English courses and become involved with their high school publications.

Students planning to transfer from a community college should consult with their counselor or advisor to identify appropriate transferable lower division courses.

Student Organizations

The Program sponsors the student organization The Society of Independent Student Journalists (SISJ). Its mission is:

1. to offer educational and professional support for student journalists;
2. to reinforce and strengthen the guiding principles of independent journalists;
3. to give student journalists the opportunity to network with industry professionals and instructors; and
4. to ensure all interested students are proficient in the principles and practices of journalism professionals.

Student membership is highly recommended.

Graduation With Honors

Undergraduate students may be candidates for graduation with Honors in Journalism if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 across all courses used to satisfy the upper-division requirements in the major.

Career Opportunities

The critical thinking and writing skills that Journalism students acquire from their coursework, combined with the experience they gain by participating in internships and student groups, prepare them for many career opportunities.

The Bachelor of Arts in Journalism is designed for students interested in print, online, and broadcast journalism careers. Students who graduate with a journalism degree are prepared for a wide variety of media-related careers, already armed with industry experience. New technologies and media platforms have created many dynamic opportunities for journalism graduates who possess the skills, principles, and practices for a successful career in the diverse regional, national, and international job markets. We train students in the various practices of contemporary journalists, including news writing and reporting, feature writing, column, and opinion writing, interviewing, broadcast journalism, video podcasting, editing, and blogging.

Taught by seasoned journalists from a variety of media outlets, the curriculum focuses on the knowledge, practices, principles, and strategies of successful journalism professionals. In addition to learning effective writing, information gathering, and production techniques, students gain an understanding of how media organizations operate through hands-on internship training and in our news and broadcast production laboratories. Students also develop a keen understanding of how to decipher and navigate through an unprecedented amount of electronic information through media literacy training.

Careers include reporter, editor, features writer, sports journalist, freelance writer, columnist, correspondent, news broadcaster, editorial writer, news director, blogger, video podcaster, media management, researcher, and photojournalist.

Undergraduate Programs

Bachelor

- Journalism, Bachelor of Arts (p. 625)
- Journalism: Latinx Concentration, Bachelor of Arts (p. 627)

Faculty

Nancy A. Cheever, Journalism Program Coordinator, Brant Burkey; Ana de la Serna

Department Office: LIB 5324, (310) 243-3313

Journalism, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (45-48 units)

The following courses, or their approved equivalents, are required of all candidates for this degree. The academic standards of the department require that all Journalism majors pass all required and prerequisite courses with grades of "C" or better.

| Code | Title | Hours |
|--|--|-------|
| Lower Division Required Courses | | |
| COM 100 | Media & Society | 3 |
| COM 106 & COM 107 | Digital Toolkit and Digital Toolkit Lab | 3 |
| COM 110 & COM 111 | Introduction to Digital Media Production and Introduction to Digital Media Production Laboratory | 3 |
| COM 250 | Writing for the Media | 3 |
| Upper Division Required Courses | | |
| COM 301 | News and Information Literacy | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| COM 338 | Cross-Cultural Journalism | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| COM 379 | Media Industries | 3 |
| COM 355 | News Production Workshop ¹ | 3 |
| Capstone Experience | | |
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |

Electives

| Select 9-12 units from the following: | | 9-12 |
|---------------------------------------|---|------|
| COM 206 | Photojournalism | |
| COM 314 | Broadcast Journalism | |
| COM 315 | Broadcast Journalism Lab | |
| COM 320 | Sports Journalism | |
| COM 328 | Entertainment and Lifestyle Journalism | |
| COM 333 | Digital Journalism | |
| COM 334 | Digital Journalism Laboratory | |
| COM 347 | Multimedia Interviewing Practices | |
| COM 348 | News Editing And Design | |
| COM 352 | Feature And Critical Writing | |
| COM 358 | Communications Graphics | |
| COM 360 | Pub Affairs & Edit. Writing | |
| COM 368 | Investigative Reporting | |
| COM 388 & COM 389 | Digital Magazine Production and Digital Magazine Production Laboratory | |
| COM 400 | Media Analysis and Research Methods | |
| COM 435 | Media Psychology | |
| COM 494 | Independent Study | |
| COM 495 | Special Topics: | |

Total Hours **45-48**

¹ Note: COM 355 News Production Workshop is repeatable for credit.

Program Learning Outcomes

Upon completion of the Bachelor of Arts in Journalism program, a degree recipient will be able to:

- Apply the principles and laws of freedom of speech and press, in a global context, and for the United States.
- Demonstrate an understanding of the multicultural history and role of professionals and institutions in shaping Journalism.
- Demonstrate culturally proficient communication that empowers those traditionally disenfranchised in society, especially as grounded in race, ethnicity, gender, sexual orientation and ability, domestically and globally, across Journalism contexts.
- Present images and information effectively and creatively, using appropriate tools and technologies.
- Write correctly and clearly in forms and styles appropriate for the Journalism professions, audiences and purposes they serve.
- Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
- Apply critical thinking skills in conducting research and evaluating information by methods appropriate to Journalism professions.
- Effectively and correctly apply basic numerical and statistical concepts.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply tools and technologies appropriate for the Journalism professions.

Journalism 4-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| COM 100 | Media & Society (satisfies GE Area C2 Letters Course) | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| THE 120 | Fundamentals of Speech (Satisfies GE Area A1) | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 250 | Writing for the Media | 3 |
| COM 301 | News and Information Literacy | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| GE Area C3 | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| Journalism Elective ¹ | | 3 |
| UD Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 | | 3 |
| COM 338 | Cross-Cultural Journalism | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| COM 379 | Media Industries | 3 |
| Journalism Elective ¹ | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GE Area D3 | | 3 |
| COM 355 | News Production Workshop ² | 3 |
| Journalism Elective ¹ | | 3 |
| UD Elective Course | | 3 |
| UD Elective Course | | 3 |
| Hours | | 15 |

Spring

| | | |
|--------------------|--|------------|
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |
| COM 355 | News Production Workshop (or Journalism Elective) ¹ | 3 |
| UD Elective Course | | 3 |
| Elective Course | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

¹ Students select Journalism elective from: COM 206, COM 314/315, COM 320, COM 328, COM 333/334, COM 347, COM 348, COM 352, COM 358, COM 360, COM 368, COM 388/389, COM 400, COM 435, COM 495

² Students who take COM 355 twice may only take 3 Journalism electives.

2-Year Roadmap

| Course | Title | Hours |
|----------------------------------|---|-----------|
| First Year | | |
| Fall | | |
| GE Area C3 | | 3 |
| GWAR Requirement | | 3 |
| COM 100 | Media & Society | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| Hours | | 15 |
| Spring | | |
| COM 250 | Newswriting For Media | 3 |
| COM 301 | News and Information Literacy | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| COM 338 | Cross-Cultural Journalism | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B5 or D3 | | 3 |
| COM 355 | News Production Workshop | 3 |
| COM 379 | Media Industries | 3 |
| Journalism Elective ¹ | | 3 |
| Journalism Elective ¹ | | 3 |
| Hours | | 15 |
| Spring | | |
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |
| Journalism Elective ¹ | | 3 |
| GE Area B5 or D3 | | 3 |
| UD Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ Students select Journalism elective from: COM 206, COM 314/315, COM 320, COM 328, COM 333/334, COM 347, COM 348, COM 352, COM 358, COM 360, COM 368, COM 388/389, COM 400, COM 435, COM 495

Journalism: Latinx Concentration, Bachelor of Arts

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (45-48 units)

The following courses, or their approved equivalents, are required of all candidates for this degree. The academic standards of the department require that all Journalism majors pass all required and prerequisite courses with grades of "C" or better.

| Code | Title | Hours |
|--|---|-------|
| A. Lower Division Courses (18-21 units) | | |
| COM 100 | Media & Society | 3 |
| COM 106 | Digital Toolkit | 2 |
| | and | |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 251 | Newswriting in Spanish | 3 |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| SPA 220 | Intermediate Spanish I | 3 |
| SPA 221 | Intermediate Spanish II | 3 |
| | or SPA 280 | |
| | Grammar for Spanish Composition | |

NOTE: Students take intermediate Spanish courses (SPA 220 and SPA 221) as needed. Those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, and/or by transferring equivalent courses from other institutions. Students who get credit for SPA 220 and/or SPA 221 through the Advanced Placement Examination or transfer credits will in lieu, take SPA 280.

| Code | Title | Hours |
|---|-------------------------------|-------|
| B. Upper-Division Courses (21 units) | | |
| COM 301 | News and Information Literacy | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| COM 338 | Cross-Cultural Journalism | 3 |

| | | |
|---------|--|---|
| COM 339 | Latinx culture and the news media in the USA | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| COM 355 | News Production Workshop | 3 |
| CHS 330 | Latina/o Identities in U.S. | 3 |

C. Capstone Experience (6 units)

| | | |
|---------|------------------------------|---|
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |

Students enrolled in the Journalism program can choose to complete the regular coursework sequence, or they can take the Latinx Journalism Concentration. The concentration will allow students to complete the Program Learning Outcomes as well as the two additional Concentration Learning Outcomes.

Program Learning Outcomes

1. Understand and apply the principles and laws of freedom of speech and press as well as receive instruction in and understand the range of systems of freedom of expression around the world, including the right to dissent, to monitor and criticize power, and to assemble for redress of grievances.
2. Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
3. Demonstrate an understanding of gender, race, ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society in relation to mass communications.
4. Demonstrate an understanding of the peoples and cultures and of the significance and impact of mass communications in a global society.
5. Understand concepts and apply theories in the use and presentation of images and information.
6. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
7. Think critically, creatively and independently.
8. Conduct research and evaluate information by methods appropriate to the communications professions in which they work.
9. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
10. Critically evaluate their own work and that of others for accuracy, fairness, clarity, appropriate style and grammatical correctness.
11. Apply basic numerical and statistical concepts to coursework.
12. Apply current tools and technologies appropriate for the communications professions in which they work, and to understand the digital world.

Latinx Journalism Concentration Learning Outcomes

1. Write stories in Spanish appropriate for diverse media and audiences by conducting research within and about Latinx communities in the U.S.
2. Demonstrate an understanding of the contemporary issues in Latin American countries and their relationship to Hispanic, Chicano, and Latinx culture and media representation in the United States.

4-year roadmap

| Course | Title | Hours |
|-------------------|--------------------|-------|
| First Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| GE Area B2 | Life Science | 3 |
| GE Area B3 | Life Science Lab | 1 |

| | | |
|--|---|------------|
| COM 100 | Media & Society | 3 |
| COM Elective | | 3 |
| GE Area D1 Perspectives on Individuals, Groups and Society | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A2 Written Communication | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area C1 Arts | | 3 |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| SPA 220 | Intermediate Spanish I | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area B4 Quantitative Reasoning | | 3 |
| COM 106 | Digital Toolkit | 2 |
| and | | |
| COM 107 | Digital Toolkit Lab | 1 |
| SPA 221 | Intermediate Spanish II | 3 |
| HIS 101 | History Of United States | 3 |
| COM Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logical/Critical Reasoning | | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| POL 101 | American Institutions | 3 |
| COM 251 | Newswriting in Spanish | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| GWAR Course | | 3 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| COM 301 | News and Information Literacy | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| COM Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| COM 338 | Cross-Cultural Journalism | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| CHS 330 | Latina/o Identities in U.S. | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| COM 355 | News Production Workshop | 3 |
| COM 339 | Latinx culture and the news media in the USA | 3 |
| Elective | | 3 |
| Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| COM 490 | Senior Project | 3 |
| COM 496 | Internship In Communications | 3 |
| Elective | | 3 |
| Elective | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-year roadmap

| Course | Title | Hours |
|--|---|-----------|
| Third Year | | |
| Fall | | |
| COM 100 | Media & Society | 3 |
| COM 106 | Digital Toolkit | 2 |
| COM 107 | Digital Toolkit Lab | 1 |
| COM 110 | Introduction to Digital Media Production | 2 |
| COM 111 | Introduction to Digital Media Production Laboratory | 1 |
| SPA 220 | Intermediate Spanish I | 3 |
| GWAR | | 3 |
| Hours | | 15 |
| Spring | | |
| CHS 200 | Introduction to Chicana/o and Latina/o History | 3 |
| SPA 221 | Intermediate Spanish II | 3 |
| COM 251 | Newswriting in Spanish | 3 |
| COM 301 | News and Information Literacy | 3 |
| COM 346 | News Gathering & Reporting | 3 |
| COM 338 | Cross-Cultural Journalism | 3 |
| Hours | | 18 |
| Fourth Year | | |
| Fall | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| COM 302 | Law Of The Mass Media | 3 |
| COM 339 | Latinx culture and the news media in the USA | 3 |
| CHS 300 | Critical Issues in Chicana/Chicano Studies | 3 |
| COM 355 | News Production Workshop | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 Integrative Studies in the Natural Sciences | | 3 |
| COM Elective | | 3 |
| COM Elective | | 3 |
| COM Elective | | 3 |
| Hours | | 12 |
| Total Hours | | 60 |

Kinesiology

College of Health, Human Services, and Nursing
Department of Kinesiology

Program Description

Kinesiology is an academic area concerned with the art and science of human movement, with particular reference to physical, intellectual, , emotional, spiritual and social variables.

Features

A large gymnasium, mirrored dance studio, mirrored activity room, mirrored weight training room, exercise laboratory, swimming pool, athletic training room, tennis courts, activity field and track are available for instructional and recreational use.

Faculty curriculum planners carefully monitor the academic programs at comparable universities as well as examine state certification programs to align existing programs with current trends and requirements.

Additionally, they forecast future specializations. The faculty also makes every effort to facilitate the transfer of students from feeder colleges to CSU Dominguez Hills and from CSU Dominguez Hills to other universities.

Faculty keep regularly scheduled office hours and are available during those hours to talk with students in person, by telephone or online.

The multicultural campus community at CSU Dominguez Hills provides opportunities for a greater understanding of various cultural and ethnic groups. This unique social environment is invaluable for students preparing for people-oriented careers.

Academic Advisement

Academic Advisors

1. Pre-Physical Therapy Option- Scott Cheatham, Coordinator; Carolyn Oudiz
2. Physical Education: Teaching- Carole Casten, Coordinator; Lee Hancock
3. Fitness Director Option- George Wing, Coordinator; Gioella Chaparro

Undergraduate Students

1. New students need to download a University Catalog.
2. Students should initiate advisement by contacting their faculty advisor.
3. During their first advisement meeting, students will be given a copy of an advisement sheet for their academic program.
4. Transfer students should schedule an appointment with their faculty advisor and bring copies of their transcripts and course descriptions.
5. Each time students meet with their advisor they should bring a copy of their academic requirements printed from the MyCSUDH webpage.
6. Advisement must be sought each semester prior to registration.
7. Students' final advisement meetings should take place just before they file for graduation.

Preparation

High school students planning to seek a Bachelor of Arts in Physical Education should:

- enroll in a physical education class each semester and develop skills in many activities.
- participate in an interscholastic sport and/or dance production.
- work on oral communication skills by enrolling in a speech class.
- work on writing skills in English classes.
- work on math skills up to, and including, Algebra II.
- study biology and physiology. Physics is also recommended.
- take advantage of elective classes in graphic design and psychology.
- master computer skills including word processing and typing.
- seek part-time employment in physical activity programs (summer camps, youth sports programs, playgrounds, private fitness clubs, recreation centers, dance studios, etc.).
- volunteer to serve at athletics and dance events as an organizer, official, score keeper, fund raiser or assistant.
- earn certification from the American Red Cross in First Aid, CPR, Lifeguarding and Water Safety Instructor.

If students are planning to transfer to CSU Dominguez Hills from a community college, the Division suggests taking courses that are equivalent to its lower division physical education requirements. These courses include Anatomy; Physiology; First Aid and CPR; and a variety of activity classes in Physical Education and Dance.

Helpful Hints

1. Students should seek advisement regularly.
2. Students should keep the advisement sheet up-to-date and bring it with them whenever they meet with their advisor. Each semester students should enroll in a physical education activity class to broaden their knowledge and keep physically active.
3. Students should begin by taking lower division courses first.
4. Single Field Teaching Option majors should consider additional coursework in science, math, since teaching proficiency in these areas is still in demand. It also would benefit future teachers to gain speaking proficiency in Spanish and mastery level proficiency in technology use.
5. Majors and minors should maintain a model level of physical fitness and wellness.
6. Students should regularly check the bulletin boards located outside the Division office for job opportunities and important announcements related to their educational goals.

Student Organizations

The faculty encourages professional participation by sponsoring The Kinesiology Student Association (KSA). The faculty also participates actively in professional organizations and activities and encourages student involvement, which translates into a broad professional support system for faculty and students.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Physical Education if he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the Physical Education major.

Career Opportunities

A B.A. in Physical Education offers four options in the major. The Pre-Physical Therapy Option provides some of the prerequisites for Physical Therapy schools and can serve as a pre-medical preparation program. The Fitness Director Option enables students to assume leadership positions in fitness establishments in both public and private sectors. The Physical Education Teaching Option is designed for students seeking a teaching career in elementary or secondary physical education, or planning to enter graduate programs in preparation for teaching careers at the college or university levels.

Within the Physical Education Minor, two options are offered. The Coaching minor is for students planning to work as coaches in chosen areas of sports specialization. The Teaching minor qualifies credentialed teachers in other subject areas to teach Physical Education in grades K-9.

A Fitness Instructor Certificate is offered to meet the needs of individuals who are either presently employed or intend to seek employment as fitness instructors in health clubs, recreation centers, YM/WCAs or corporate fitness programs. Requirements for the certificate are based on guidelines established by the American College of Sports Medicine and the Association of Fitness in Business and Industry. The certificate can be completed independent of a bachelor's degree.

Undergraduate Programs

Bachelor

- Physical Education, Bachelor of Arts (p. 637)

Minor

- Coaching, Minor (p. 636)
- Teaching, Minor (p. 641)

Certificate

- Fitness Instructor, Certificate (p. 636)

Graduate Programs

Subject Matter Preparation

- Physical Education, Subject Matter Preparation (p. 641)

Faculty

Michael Ernst, Division Chair

Mary Lou Cappel, Carole M. Casten, Gioella Chaparro, Scott Cheatham, Michael Ernst, Lee Hancock, Carolyn Oudiz, Gary Sayed, George Wing, Ben Zhou

Department Office: SAC 2145, (310) 243-3761

Emeriti Faculty

Boice Bowman, John L. Johnson, Robert Pestolesi, James Poole

Courses

KIN 100. Adapt Phys Fit. (1 Units)

Physical fitness evaluation, exercise prescription and individualized programs designed for disabled students and any student with a temporary or permanent fitness need. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 111. Aerobics. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 112. Aerobics: Step. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 113. Social and Folk Dance Activity. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 114. Badminton. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 116. Baseball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 118. Basketball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 125. Bicycling/All Levels/Velo. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 130. Golf. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 132. Gymnastics. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 134. Jogging. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 140. Lifeguard Training. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered As needed

KIN 141. Martial Arts. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

KIN 142. Physical Conditioning. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 145. Relaxation Techniques. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 148. Soccer/Indoor. (1 Units)

The following courses are designed to promote active lifestyles and are open to all university students. Prerequisites for intermediate level classes are beginning level or equivalent. Prerequisites for advanced level classes are intermediate level or equivalent. Students assume responsibility for satisfactory health status appropriate for activity classes. The courses are repeatable. Two hours of activity per week. Fee required for KIN 116-180.
Offered As needed

KIN 150. Soccer/Outdoor. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 152. Softball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 154. Stretch & Flex. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 156. Swimming/All Levels. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 158. Swimming/Conditioning. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 162. Tennis. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 164. Volleyball. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 168. Walking For Health. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered As needed

KIN 170. Weight Training. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 171. Yoga. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 180. Intramurals. (1 Units)

Participation in competitive intramural activities. Tournaments conducted in sports such as basketball, badminton, tennis, volleyball and additional activities based upon student interest. Repeatable course. Two hours of activity per week.
Offered Fall, Spring

KIN 190. Intercollegiate Athletics - Sports Men. (1 Units)

Instruction and participation in selected major team sports such as basketball, baseball, golf, and soccer that comprise the intercollegiate athletic program. Repeatable course.
Offered Fall, Spring

KIN 191. Intercollegiate Athletics - Sports Women. (1 Units)

Instruction and participation in selected major team sports such as basketball, softball, volleyball, cheerleading, soccer, and cross country that comprise the intercollegiate athletic program. Repeatable course.
Offered Fall, Spring

KIN 218. First Aid And Cpr. (3 Units)

Provides opportunity to qualify for American Red Cross certification in Standard First Aid and CPR. Students study and practice administering first aid techniques; examine accident and injury prevention measures; and train to master cardiopulmonary resuscitation techniques. Fee required.
Offered As needed

KIN 223. Intro To Pe. (3 Units)

Examination of bodies of knowledge that make up the fields of Physical Education and Dance Education. Analysis of how disciplinary theories translate into workable practices in a diverse culture. Course includes career guidance and overview of career options. (Students entering the Physical Education major are required to enroll in this course their first semester of study.)
Offered Fall, Spring

KIN 233. Prac.in Phys.Act.Instruction. (3 Units)

Designed to provide initial instruction in a variety of pedagogical knowledge related to teaching physical education for grades K-12. Students will be provided with opportunities to learn and demonstrate current best teaching practices. Emphasis is placed on learning and practicing effective planning, teaching, and reflective behaviors. Offered Fall, Spring

KIN 235. Lifetime Fitness. (3 Units)

Examination of components of fitness; training principles, energy sources; nutrition and weight control research; stress reduction techniques; and fitness programs. Fitness assessment and development of personalized fitness program. Meets General Education requirement for Whole Person. Offered Fall, Spring

KIN 250. Analysis of Aquatics. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to swimming, diving, synchronized swimming, aqua aerobics, water games and water safety. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 251. Analysis of World Dance. (0 Units)

Analysis and refinement of skill requirements; examination of concepts, movement theories, history, culture and appreciations; and adaptations for special populations related to modern dance, jazz, ballet, social dance, folk dance, ethnic dance and dance-exercise. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 252. Analysis Artistic & Rhyth Gym. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, movement theories, judging, history and appreciations; and adaptations for special populations related to stunts, tumbling, floor exercise; apparatus work and object manipulation required of artistic and rhythmic gymnastics. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 253. Analysis Archery Bowling & Golf. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to the individual sports of archery, bowling and golf. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 254. Analysis Cond & Martial Arts. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, underlying principles, history, culture and appreciations; and adaptations for special populations related to all components of physical conditioning, weight training and martial arts. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 255. Anlys Tennis Pad Ten & Racball. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to tennis, paddle tennis, racquetball and non-traditional racquet games. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 256. Anly Badminton & Team Handball. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to individual and dual sports of badminton and team handball. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 257. Anly Softball & Track & Field. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to softball, track and field, and non-competitive diamond games. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 258. Anlys Basketball & Volleyball. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to team sports of basketball and volleyball. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 259. Anlysis Flag Football & Soccer. (2 Units)

Analysis and refinement of skill requirements; examination of concepts, rules, strategies, history and appreciations; and adaptations for special populations related to the field sports of flag football and soccer and non-traditional field activities. One hour of lecture and two hours of activity per week. Fee required. Offered As needed

KIN 260. Sports Officiating. (2 Units)

Rules, mechanics and officiating procedures for men's and women's sports at the interscholastic and intercollegiate levels. Offered As needed

KIN 290. Human Anatomy & Physiology I. (4 Units)

Introduction to human anatomy and physiology I. Structure and function of the body systems are covered, with special emphasis on body orientation and anatomic position, basic physio-chemistry, musculoskeletal, and nervous systems. Tailored majors in kinesiology and pre-allied health professions. Offered Fall, Spring, Summer

KIN 291. Human Anatomy & Physiology II. (4 Units)

A continuation of Human Anatomy & Physiology I. Body systems covered in this part are the cardiopulmonary, digestive, renal and reproductive systems. Tailored majors in kinesiology and other health professions. Offered Fall, Spring, Summer

KIN 295. Special Topics in Kinesiology. (4 Units)

Intensive study of a physical education topic of current interest. Repeatable course. Three hours lecture and three hours lab. Consent required. Offered Fall, Spring

KIN 300. Tests and Measurements in Physical Education. (3 Units)

Analysis, evaluation, interpretation, and use of tests and other assessment methods in physical education. Application of statistical procedures. Fee required. Offered Fall, Spring, Summer

KIN 301. Kinesiology. (3 Units)

Prerequisites: BIO 250 and BIO 251 and either high school or college physics. Examination of anatomical structure, function, and mechanical principles relating to human motion, including analytical and practical application of concepts. Two hours of lecture and three hours of laboratory per week. Fee required.

Offered Fall, Spring

KIN 302. Technology Methods in Physical Education and Recreation. (3 Units)

Provides students with information on, training in, and experience with various technology methods and applications related to the Physical Education and Recreation professions. One hour of lecture and two hours of laboratory activity per week.

Offered As needed

KIN 303. Exercise Physiology. (4 Units)

Prerequisites: KIN 300; BIO 250 and BIO 251 and either high school or college chemistry. Study of human function under the stress of muscular activity per week. Investigation of acute and chronic effects of exercise on the muscular, pulmonary, cardiovascular, nervous and energy systems. Examination of principles of training and nutrition. Three hours of lecture and three hours of laboratory per week. Fee required.

Offered Fall, Spring, Summer

KIN 304. Introduction to Adapted Physical Education. (3 Units)

Prerequisite: KIN 301. Study of prevalent disabilities with implications for adapted physical education program development, implementation and evaluation at the elementary and secondary levels.

Offered Fall, Spring

KIN 305. Motor Learning. (3 Units)

Prerequisite: KIN 300. Study of human development and learning in the motor domain. Examination of factors such as growth and maturation, instructional procedures, sensory and perceptual systems, motor control, and assessment of motor development.

Offered Fall, Spring

KIN 306. Biometric of Human Movement. (3 Units)

Prerequisites: Bio120/120L, KIN291, CHE 110, PHY 120, KIN 223, Degree 300's:KIN 300, 301. This course provides students with the knowledge of movements as it relates to physics. Students will learn biomedical principles and concepts as they relate to human movement, exercise, and sports.

KIN 310. Nutrition for Peak Performance. (3 Units)

Prerequisite: KIN 303 Presents principles of nutrition as they apply to sport, exercise, and peak performance. Topics presented include: energy release, metabolism, and substrate utilization during exercise, ergogenic aids, fluid intake, pre-game meals, and health issues related to nutrition.

Offered Fall, Spring, Summer

KIN 320. History and Philosophy of Physical Education. (3 Units)

Prerequisite: KIN 223. Study of historical roots and evolution of physical education, changing value systems that shape physical education philosophies, and administrative practices which lead to making informed program decisions.

Offered Fall, Spring

KIN 330. Sport and Exercise Psychology. (3 Units)

Prerequisite: PSY 101 is required. Through writing, this course examines psychological theories and research and their application to the sport/physical activity-related affect, behaviors, and cognitions of individuals. This course explores how the use of disciplinary knowledge assists individuals to better communicate within a healthcare framework.

Restricted to majors. A grade of C or better in this course fulfills the GVAR requirement for all Physical Education and Exercise Science majors.

Offered Fall, Spring, Summer

KIN 360. Prev & Treat Ath Injuries. (3 Units)

Prerequisites: BIO 250, BIO 251 and KIN 301. Prevention, examination, and treatment of athletic injuries. Includes methods of taping, bandaging, therapeutic exercises, training room equipment, protective devices and supplies. Two hours of lecture and three hours of laboratory per week.

Fee required

Offered Fall, Spring

KIN 362. Principles of Athletic Training. (3 Units)

Prerequisites: BIO 250 and BIO 251, KIN 301. The scientific and clinical foundation of the field of athletic training. Emphasis placed on athletic trainer's role and responsibilities. In depth study of risk management, prevention, evaluation, recognition, treatment, and rehabilitation of athletic injuries.

Offered Fall, Spring

KIN 363. Principles of Athletic Training Laboratory. (1 Units)

Prerequisites: BIO 250 and BIO 251. Corequisite: KIN 362. Emphasis on knowledge, skills, and taping techniques for common athletic injuries and related evaluation procedures.

Offered Fall, Spring

KIN 375. Clin Exp I. (1 Units)

Prerequisites: BIO 250, BIO 251, and KIN 218. Corequisites: KIN 362, KIN 363. Introduction to clinical experience in athletic training settings. Basic understanding of clinical aspect of the training profession. Students in this class are required a minimum 50 hours of observation and 150 hours of clinical experience (a minimum of 10 per week) in athletic training settings.

Offered As needed

KIN 376. Clinical Experience II. (1 Units)

Prerequisites: KIN 362, KIN 363, KIN 375. Application of taping, wrapping, bracing, and padding skills; risk management; assessment and evaluation; pharmacology and nutrition; therapeutic modalities; therapeutic exercise; specific injury management. Requires a minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting.

Offered As needed

KIN 377. Clinical Experience III. (1 Units)

Prerequisites: KIN 376, KIN 461, and KIN 463. Corequisites: KIN 462 and KIN 464. The application of therapeutic exercise; surgery observation; specific injury management; clinical experience in various sports teams. Requires a minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting.

Offered As needed

KIN 425. Pe In The Elementary Sch. (3 Units)

Prerequisite: In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Overview of bodies of knowledge in the field of physical education and their application to elementary physical education. Analysis of educational theories and practices as they relate to effectively teaching physical education to elementary school children. Course includes peer teaching lessons. Two hours of lecture and two hours of activity per week. Fee required.
Offered Fall, Spring

KIN 426. Directed Teaching in Elementary Physical Education. (2 Units)

Prerequisites: KIN 425. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Planned directed teaching in elementary physical education at a cooperating elementary school under professional supervision. Repeatable course.
Offered Fall, Spring

KIN 447. Dan Educ in the Elem School. (3 Units)

Prerequisite: In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Study of developmentally appropriate dance education activities for children. Examination of and practice in blending pedagogical content knowledge with subject matter knowledge to optimize teaching and learning. Course culminates in peer teaching lessons, reflections and self-assessment.
Offered Fall, Spring

KIN 448. Tchg Effect Sec PE. (3 Units)

Prerequisite: See lower division requirements for major. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Analysis and application of recent advances in teaching methodology, observation techniques, organization and management strategies, and skill and knowledge acquisition as they relate to effectively teaching secondary physical education. Course includes peer teaching lessons. Two hours of lecture and two hours of activity per week.
Offered Fall, Spring

KIN 449. Dir Tchg In Sec PE. (2 Units)

Prerequisites: KIN 448. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Planned directed teaching in secondary physical education at a cooperating secondary school under professional supervision. Repeatable course.
Offered Fall, Spring

KIN 450. Teaching Dance. (1 Units)

Prerequisite: Intermediate level technique class. Analysis and application of recent advances in teaching methodology, observation techniques, organization and management strategies, and skill and knowledge acquisition as they relate to effectively teaching elementary, secondary and college dance. Course includes peer teaching experience.
Offered As needed

KIN 461. Therapeutic Modalities. (3 Units)

Prerequisites: BIO 250, KIN 362, KIN 363, and KIN 375. A theoretical clinical basis for using therapeutic modalities, providing knowledge regarding the scientific basis and physiological effects of modalities in the treatment and rehabilitation of athletic injuries. Fee required.
Offered Fall, Spring

KIN 462. Therapeutic Exercise. (3 Units)

Prerequisites: BIO 250, KIN 362, KIN 363, KIN 375. A theoretical and clinical basis for implementation and intervention of therapeutic exercise; understanding the basic principles and effects of the variety of therapeutic exercise techniques; and designing therapeutic exercise programs.
Offered Fall, Spring, Summer

KIN 463. Lower Extremity Assessment. (3 Units)

Prerequisites: KIN 375. Recommended corequisite: KIN 461. Recognition and evaluation of orthopedic and athletic injuries; identifying signs, symptoms and mechanisms of injuries; performing special tests for specific orthopedic pathologies related to the lower extremity.
Offered Fall, Spring

KIN 464. Upper Extremity Assessment. (3 Units)

Prerequisites: KIN 376. Recommended corequisite: KIN 462. Recognition and evaluation of orthopedic and athletic injuries; identifying signs, symptoms and mechanisms of injuries; performing special tests for specific orthopedic pathologies related to the upper extremity.
Offered Fall, Spring

KIN 465. Administration of Athletic Training Programs. (3 Units)

Prerequisites: KIN 461, KIN 462, KIN 463, and KIN 464. Administration and management strategies of the field of athletic training and sports medicine. Organization planning ideas including principles and knowledge of program, human, financial, and information management: facility design and planning; legal aspects and ethical issues.
Offered As needed

KIN 470. Coaching Techniques for Selected Sports. (2 Units)

Prerequisites: KIN 253, KIN 256, KIN 257, KIN 258 and KIN 259; three out of five are recommended. Analysis and practical application of techniques for coaching selected sports. Emphasis on organization and conduct of athletic programs, including program development, coaching strategies, practice sessions, academic advisement, recruiting and scouting.
Offered As needed

KIN 471. Fitness Assessment and Exercise Prescription. (3 Units)

Prerequisites: Lower division requirements: Bio 120/120L, KIN 290, KIN 291, CHE 110, PHY 120, KIN 223, Degree 300s: KIN 300, 301,303,305,306,310,330,360. This course provides student with the knowledge to conduct physical fitness tests and develop an exercise prescription for different populations. Emphasis will be placed on testing and prescription for the major component of physical fitness.

KIN 473. Principles of Sport Performance Training. (3 Units)

Prerequisites: Lower division requirements: BIO 120/120L, KIN 290,291, CHE 110, PHY120,KIN 223. Degree300s: KIN 300, 301, 305, 306, 310, 330,360. This course provides student with the knowledge of sports performance assessments and program design for different athletic populations. Emphasis will be placed sports specific testing, periodizing programming, and training techniques for specific sports and athletes.

KIN 475. Complementary and Integrated Healthcare. (3 Units)

Lower division requirements: Bio 120/120L, KIN 290, KIN 291, CHE 110, PHY 120, KIN 223 Degree 300s: KIN 300, 301,302,305,310,330,360. This course will provide student with the knowledge regarding complimentary and alternative healthcare. Student will learn about different eastern and western therapeutic treatment such as acuouncture, cupping, energy medicine, yoga and more.

KIN 476. Clinical Experience IV. (1 Units)

Prerequisites: KIN 377, KIN 462, KIN 463, and KIN 464. Corequisite: KIN 465. The application of specific injury management; clinical experience in various sports teams. A minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting are required.

Offered As needed

KIN 477. Clinical Experience V. (1 Units)

Prerequisites: KIN 476. The application of specific injury management; clinical experience in various sports teams; peer teaching and supervision. A minimum of 250 clinical experience hours (a minimum of 16 hours a week) in an athletic training setting are required.

Offered As needed

KIN 480. Athletic Training Seminar. (2 Units)

Prerequisites: KIN 465 and KIN 476. Course is designed for senior students who are preparing for he NATA BOC examination. Students in this course are senior level students who have either completed all necessary NATA competencies or are in their last semester and currently completing the necessary competencies.

Offered As needed

KIN 490. Senior Seminar in Physical Education. (1 Units)

Prerequisite: Senior year. For Physical Education majors. Practice writing and presentation skills through self-reflection, evaluation, and connecting subject matter areas. Peer and faculty evaluation of student portfolios, resume writing, curriculum development, mock interviews and program assessment will be included in the curriculum. One hour of seminar per week.

Offered Fall, Spring

KIN 493. Clinical Experiences in PT/AT. (3 Units)

Planned internship in Pre-PT at a cooperative institution, agency or clinical setting under professional supervision. Application of the principles and skills acquired in the Pr-PT program. Repeatable Course

Offered Fall, Spring

KIN 494. Physical Education: Independent Study. (1-3 Units)

Prerequisites: Physical Education Major or Minor; upper division standing. Independent study in physical education, with each student participating in a special project mutually agreed upon by student and instructor. Repeatable course.

Offered Fall, Spring

KIN 495. Special Topics:. (1-3 Units)

Intensive study of a physical education topic of current interest. May be repeated for credit to a maximum of 6.0 units. Repeatable course. One to three hours of lecture per week.

Offered As needed

KIN 496. Internship. (1-3 Units)

Prerequisites: Physical Education Major or Minor and upper division standing are required. KIN 448 is recommended. Planned internship in physical education at a cooperating institution, agency or company under professional supervision. Repeatable course.

Offered Fall, Spring

KIN 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered As needed

KIN 500. Seminar in Contemporary Issues/Topics and Trends in Physical Education. (3 Units)

Analysis of current trends, issues, and problems in Physical Education academic and athletics programs; examination and analysis of literature and research findings. Three hours of seminar per week.

Offered As needed

KIN 504. Physical Fitness Evaluation and Exercise Prescription. (3 Units)

Prerequisites: KIN 303 is required; KIN 218 is recommended. Evaluation of cardiovascular fitness, respiratory capacity, body composition, strength, muscular endurance and flexibility. Exercise prescription based upon individual needs, interests and preliminary health and fitness evaluations. Overview of American Psychological Association's research methodology.

Offered As needed

KIN 514. Seminar in Curriculum Development in Physical Education. (3 Units)

Intensive study, evaluation, and application of current developments in curriculum theory and practice for Elementary-Secondary School Physical Education. Includes designing an innovative physical education/wellness curriculum project. Three hours of seminar per week.

Offered As needed

KIN 516. Public Relations and Development. (3 Units)

The study of public relations and development issues related to the fields of physical education and athletics in K-16 school settings. The student will develop news releases, design promotional public information, develop mediated presentations addressing programs and development

Three hours of seminar per week.

Offered As needed

KIN 593. Fieldwork in Physical Ed Admin. (3 Units)

Prerequisites: GED 571 and KIN 500 are required; KIN 514 and KIN 516 are recommended. Supervised field experiences at the school level to include actual job performance in both supervision and administrative in Physical Education or Athletics. Students will demonstrate competencies required by the Educational Administration approved program. CR/NC grading.

Offered As needed

KIN 595. Special Topics in Kinesiology. (3 Units)

Prerequisite: Consent of instructor. Advanced course of special interest to graduate students. Topic and content will vary as announced.

Offered As needed

KIN 599. Thesis/Creative Project. (3 Units)

Prerequisites: KIN 500, KIN 514, KIN 516, KIN 593 are required. Student will execute an individually planned research effort or creative project. Students work under individual supervision with assigned faculty. May be repeated up to 6 units.

Offered As needed

KIN 600. KIN Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course.

Offered Fall, Spring

Coaching, Minor Requirements

| Code | Title | Hours |
|------------------------------------|---|--------------|
| Lower Division Requirements | | |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| KIN 218 | First Aid And Cpr | 3 |
| Upper Division Requirements | | |
| KIN 301 | Kinesiology | 3 |
| KIN 303 | Exercise Physiology | 4 |
| KIN 305 | Motor Learning | 3 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 470 | Coaching Techniques for Selected Sports | 2 |
| KIN 496 | Internship | 1-3 |
| Total Hours | | 23-25 |

Education: Physical Education Administration, Master of Arts

Please note that the Master of Arts in Education: Physical Education Administration is no longer admitting students.

Physical Education Administration Option (30 units)

The Physical Education Administration option is structured as a differential tuition program, with graduates completing a total of 30 units. Students will complete 18 units (graduate education curriculum) under state support and 12 units (physical education curriculum) through Special Sessions.

Required Courses

The following courses constitute the program of study for the Master of Arts in Education: Physical Education Administration option. Students enrolling in graduate level physical education courses must have a degree in Physical Education, Kinesiology, Exercise Science, or Human Performance or have completed the prerequisite courses (outlined in section II below). All students receiving this degree must successfully complete these courses.

| Code | Title | Hours |
|---|--|-------|
| Core Courses ¹ | | |
| GED 500 | Research Methods in Education | 3 |
| GED 501 | Seminar in Learning and Development | 3 |
| GED 503 | Socio-Cultural Issues in Education | 3 |
| Graduate Education Required Courses ¹ | | |
| Complete graduate education required courses | | 9 |
| Physical Education Required Courses ² | | |
| KIN 500 | Seminar in Contemporary Issues/Topics and Trends in Physical Education | 3 |
| KIN 514 | Seminar in Curriculum Development in Physical Education | 3 |
| KIN 516 | Public Relations and Development | 3 |

| | | |
|--------------------|--------------------------------|-----------|
| KIN 593S | Fieldwork in Physical Ed Admin | 3 |
| Total Hours | | 30 |

¹ Classes taken under state support.

² Classes taken through Special Sessions.

Program Prerequisite Courses

Students who have **not** completed a degree in Physical Education, Kinesiology, Exercise Science, or Human Performance must complete all of the following courses before enrolling in 500 level physical education courses.

| Code | Title | Hours |
|-------------------------------|--|-----------|
| Prerequisite Courses | | |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| KIN 301 | Kinesiology | 3 |
| KIN 303 | Exercise Physiology | 4 |
| KIN 448 | Tchg Effect Sec PE | 3 |
| Lower Division Courses | | |
| KIN 111 | Aerobics | 1 |
| KIN 112 | Aerobics: Step | 1 |
| KIN 113 | Social and Folk Dance Activity | 1 |
| KIN 114 | Badminton | 1 |
| KIN 116 | Baseball | 1 |
| KIN 118 | Basketball | 1 |
| KIN 125 | Bicycling/All Levels/Velo | 1 |
| KIN 130 | Golf | 1 |
| KIN 132 | Gymnastics | 1 |
| KIN 141 | Martial Arts | 1 |
| KIN 142 | Physical Conditioning | 1 |
| KIN 145 | Relaxation Techniques | 1 |
| KIN 150 | Soccer/Outdoor | 1 |
| KIN 152 | Softball | 1 |
| KIN 156 | Swimming/All Levels | 1 |
| KIN 158 | Swimming/Conditioning | 1 |
| KIN 162 | Tennis | 1 |
| KIN 164 | Volleyball | 1 |
| KIN 170 | Weight Training | 1 |
| KIN 171 | Yoga | 1 |
| KIN 180 | Intramurals | 1 |
| Total Hours | | 38 |

Availability, please see the list of tentative course offerings in the current Class Schedule.

Fitness Instructor, Certificate

The Fitness Instructor's Certificate is designed to meet the needs of individuals presently employed as fitness instructors in health clubs, recreation centers, YM/WCAs or corporate fitness programs. The certificate may be taken with or apart from a degree program, major or minor, and is available to students who satisfactorily complete the following requirements with a grade of "C" or higher in each course.

The Fitness Instructor's Certificate is designed to meet the needs of individuals presently employed as fitness instructors in health clubs, recreation centers, YM/WCAs or corporate fitness programs. The certificate may be taken with or apart from a degree program, major or minor; and is available to students who satisfactorily complete the following requirements with a grade of "C" or higher in each course.

Requirements

| Code | Title | Hours |
|--|---------------------------|-----------|
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| KIN 111 | Aerobics | 1 |
| KIN 142 | Physical Conditioning | 1 |
| KIN 218 | First Aid And Cpr | 3 |
| KIN 303 | Exercise Physiology | 4 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 496 | Internship | 3 |
| Select two courses from the following: | | 2 |
| KIN 141 | Martial Arts | |
| KIN 156 | Swimming/All Levels | |
| KIN 170 | Weight Training | |
| KIN 171 | Yoga | |
| Total Hours | | 21 |

Physical Education, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required.

Major Requirements (52-69 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

All courses taken for all of the majors in Physical Education must be passed with a grade of "C" or higher.

All of the majors in Physical Education must provide a valid certification of First Aid and CPR at the time of graduation.

Common Core Requirements (20 units)

| Code | Title | Hours |
|--|-------------------------------|-----------|
| Lower Division Required Courses | | |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| KIN 223 | Intro To Pe | 3 |
| Upper Division Required Courses | | |
| KIN 301 | Kinesiology | 3 |
| KIN 303 | Exercise Physiology | 4 |
| KIN 330 | Sport and Exercise Psychology | 3 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| Total Hours | | 20 |

Options

Students must select one of the options listed.

Fitness Director Option (52 units)

| Code | Title | Hours |
|------------------------------------|--|--------------|
| Common Core Requirements | | |
| Complete common core courses | | 20 |
| Lower Division Requirements | | |
| KIN 111 | Aerobics | 1 |
| KIN 141 | Martial Arts | 1 |
| KIN 142 | Physical Conditioning | 1 |
| or KIN 170 | Weight Training | |
| KIN 156 | Swimming/All Levels | 1 |
| or KIN 158 | Swimming/Conditioning | |
| KIN 170 | Weight Training | 1 |
| or KIN 142 | Physical Conditioning | |
| KIN 235 | Lifetime Fitness | 3 |
| Upper Division Requirements | | |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| KIN 304 | Introduction to Adapted Physical Education | 3 |
| KIN 305 | Motor Learning | 3 |
| KIN 310 | Nutrition for Peak Performance | 3 |
| KIN 362 | Principles of Athletic Training | 3 |
| KIN 462 | Therapeutic Exercise | 3 |
| KIN 490 | Senior Seminar in Physical Education | 1 |
| KIN 496 | Internship | 1-3 |
| PSY 314 | Behavior Modification | 3 |
| Total Hours | | 51-53 |

Pre-Physical Therapy Option (65 units)

| Code | Title | Hours |
|------------------------------------|---|-------|
| Common Core Requirements | | |
| Complete common core courses | | 20 |
| Lower Division Requirements | | |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| CHE 110 | General Chemistry I | 5 |
| HEA 280 | Orientation and Elementary Radiation Protection | 1 |
| PHY 120 | Elements Of Physics I | 4 |
| Upper Division Requirements | | |
| KIN 300 | Tests and Measurements in Physical Education | 3 |

| | | |
|--|--|-----------|
| KIN 305 | Motor Learning | 3 |
| KIN 310 | Nutrition for Peak Performance | 3 |
| KIN 362 | Principles of Athletic Training | 3 |
| KIN 363 | Principles of Athletic Training Laboratory | 1 |
| KIN 461 | Therapeutic Modalities | 3 |
| KIN 462 | Therapeutic Exercise | 3 |
| KIN 463 | Lower Extremity Assessment | 3 |
| KIN 464 | Upper Extremity Assessment | 3 |
| KIN 493 | Clinical Experiences in PT/AT | 3 |
| Select one of the following: | | 3 |
| KIN 493 | Clinical Experiences in PT/AT | |
| Two sections that will make up to total 31 units of Upper Division Requirement | | |
| Total Hours | | 65 |

Teaching Option (64 units)

Students who wish to pursue the State of California Single Subject Teaching Credential in Physical Education should complete this program and additional requirements as listed in the Teacher Education section of this University Catalog. This option does not require an additional academic minor outside the field of Physical Education.

| Code | Title | Hours |
|------------------------------------|---|-------|
| Common Core Requirements | | |
| Complete common core courses | | 20 |
| Lower Division Requirements | | |
| KIN 111 | Aerobics | 1 |
| KIN 113 | Social and Folk Dance Activity | 1 |
| KIN 114 | Badminton | 1 |
| KIN 130 | Golf | 1 |
| KIN 132 | Gymnastics | 1 |
| KIN 141 | Martial Arts | 1 |
| KIN 156 | Swimming/All Levels | 1 |
| KIN 162 | Tennis | 1 |
| KIN 233 | Prac.in Phys.Act.Instruction | 3 |
| KIN 235 | Lifetime Fitness | 3 |
| REC 260 | Outdoor Education | 1 |
| KIN 142 | Physical Conditioning | 1 |
| or KIN 170 | Weight Training | |
| Select two from the following: | | 2 |
| KIN 118 | Basketball | |
| KIN 150 | Soccer/Outdoor | |
| KIN 152 | Softball | |
| KIN 164 | Volleyball | |
| Upper Division Requirements | | |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| KIN 304 | Introduction to Adapted Physical Education | 3 |
| KIN 302 | Technology Methods in Physical Education and Recreation | 3 |
| KIN 305 | Motor Learning | 3 |
| KIN 320 | History and Philosophy of Physical Education | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |

| | | |
|--------------------|--------------------------------------|-----------|
| KIN 448 | Tchg Effect Sec PE | 3 |
| KIN 449 | Dir Tchg In Sec PE | 2 |
| KIN 490 | Senior Seminar in Physical Education | 1 |
| Total Hours | | 64 |

Athletic Training Education Option

The division is not currently accepting students into the Athletic Training Education Option. For more information, please contact the Division of Kinesiology.

Dance Concentration

The division is currently not accepting students into the Dance concentration. For more information, please contact the Division of Kinesiology.

- Demonstrate knowledge of and skills in a broad variety of motor skills and fitness activities; apply physical education knowledge to enhance motor skills and fitness in a variety of populations and conditions.
- Demonstrate knowledge and skills on biological and physical bases of movement and the changes that occur across the life span, within diverse populations, and under a variety of environmental conditions.
- Demonstrate knowledge and skills on behavioral and psychological bases of movement and the changes that occur across the life span, within diverse populations, and under a variety of environmental conditions.
- Demonstrate knowledge and skills on how motor skills are acquired and refined; how fitness is achieved and maintained across the life span and within diverse populations.
- Apply critical and creative thinking, writing, reading, oral communication, quantitative and qualitative analysis, and information management skills to movement-related questions.
- Demonstrate knowledge of the conditions of safe practice in movement-related contexts across the life span within diverse populations; respond appropriately to common injuries occurring during physical activity.
- Demonstrate the ability to use the computer and other technology to support inquiry and professional practice in movement-related fields.
- Demonstrate the ability to apply measurement instruments and principles for qualitative and quantitative assessment of human performance.
- Demonstrate understanding of the scientific method and other systematic ways of knowing relative to research and scholarship in human movement.

Fitness Director Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|--|------------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| KIN 235 | Lifetime Fitness (GE Area E) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| POL 101 | American Institutions | 3 |

| | | |
|---|--|------------|
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| KIN 223 | Intro To Pe | 3 |
| KIN 156 | Swimming/All Levels | 1 |
| or KIN 158 | or Swimming/Conditioning | |
| KIN 111 | Aerobics | 1 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| KIN 142 | Physical Conditioning | 1 |
| KIN 170 | Weight Training | 1 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| KIN 301 | Kinesiology | 3 |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| KIN 330 | Sport and Exercise Psychology (GWAR Satisfying Course) | 3 |
| Elective to meet 120 | | 3 |
| Hours | | 15 |
| Spring | | |
| KIN 303 | Exercise Physiology | 4 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 141 | Martial Arts | 1 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 14 |
| Fourth Year | | |
| Fall | | |
| PSY 314 | Behavior Modification | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| KIN 362 | Principles of Athletic Training | 3 |
| KIN 304 | Introduction to Adapted Physical Education | 3 |
| KIN 305 | Motor Learning | 3 |
| Hours | | 15 |
| Spring | | |
| KIN 496 | Internship | 3 |
| KIN 462 | Therapeutic Exercise | 3 |
| KIN 490 | Senior Seminar in Physical Education | 1 |
| KIN 310 | Nutrition for Peak Performance | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-------------------|--|-------|
| First Year | | |
| Fall | | |
| KIN 301 | Kinesiology | 3 |
| KIN 300 | Tests and Measurements in Physical Education | 3 |

| | | |
|---|--|-----------|
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| KIN 330 | Sport and Exercise Psychology (Satisfies GWAR Requirement) | 3 |
| Elective to meet 120 | | 3 |
| Hours | | 15 |
| Spring | | |
| KIN 303 | Exercise Physiology | 4 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 141 | Martial Arts | 1 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| PSY 314 | Behavior Modification | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| KIN 362 | Principles of Athletic Training | 3 |
| KIN 304 | Introduction to Adapted Physical Education | 3 |
| KIN 305 | Motor Learning | 3 |
| Hours | | 15 |
| Spring | | |
| KIN 496 | Internship | 3 |
| KIN 462 | Therapeutic Exercise | 3 |
| KIN 490 | Senior Seminar in Physical Education | 1 |
| KIN 310 | Nutrition for Peak Performance | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 60 |

Pre-Physical Therapy Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| KIN 235 | Lifetime Fitness (or other GE Area E course) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| KIN 223 | Intro To Pe | 3 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| Hours | | 17 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| CHE 110 | General Chemistry I | 5 |

| | | |
|--------------|------------------------------------|-----------|
| KIN 301 | Kinesiology | 3 |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| Hours | | 15 |

Third Year

| | | |
|--|---|-----------|
| Fall | | |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| HEA 280 | Orientation and Elementary Radiation Protection | 1 |
| GWAR Satisfying Course | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 16 |

Spring

| | | |
|---|----------------------------|-----------|
| PHY 120 | Elements Of Physics I | 4 |
| KIN 305 | Motor Learning | 3 |
| KIN 303 | Exercise Physiology | 4 |
| KIN 463 | Lower Extremity Assessment | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 17 |

Fourth Year

| | | |
|--|--|-----------|
| Fall | | |
| KIN 330 | Sport and Exercise Psychology | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| KIN 362 | Principles of Athletic Training | 3 |
| KIN 363 | Principles of Athletic Training Laboratory | 1 |
| KIN 493 | Clinical Experiences in PT/AT | 3 |
| Additional lower division GE Area C or D | | 3 |
| Hours | | 16 |

Spring

| | | |
|--------------------|--------------------------------|------------|
| KIN 310 | Nutrition for Peak Performance | 3 |
| KIN 461 | Therapeutic Modalities | 3 |
| KIN 462 | Therapeutic Exercise | 3 |
| KIN 464 | Upper Extremity Assessment | 3 |
| KIN 493 | Clinical Experiences in PT/AT | 3 |
| Hours | | 15 |
| Total Hours | | 126 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| GWAR Satisfying Course | | 3 |
| HEA 280 | Orientation and Elementary Radiation Protection | 1 |
| BIO 120 | Principles of Biology I | 3 |
| BIO 121 | Principles of Biology Laboratory I | 1 |
| Hours | | 14 |
| Spring | | |
| PHY 120 | Elements Of Physics I | 4 |
| KIN 305 | Motor Learning | 3 |
| KIN 303 | Exercise Physiology | 4 |
| KIN 463 | Lower Extremity Assessment | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| KIN 330 | Sport and Exercise Psychology | 3 |

| | | |
|--------------|--|-----------|
| KIN 362 | Principles of Athletic Training | 3 |
| KIN 363 | Principles of Athletic Training Laboratory | 1 |
| KIN 493 | Clinical Experiences in PT/AT | 3 |
| Hours | | 16 |

Spring

| | | |
|--------------------|--------------------------------|-----------|
| KIN 310 | Nutrition for Peak Performance | 3 |
| KIN 462 | Therapeutic Exercise | 3 |
| KIN 461 | Therapeutic Modalities | 3 |
| KIN 464 | Upper Extremity Assessment | 3 |
| KIN 493 | Clinical Experiences in PT/AT | 3 |
| Hours | | 15 |
| Total Hours | | 62 |

Teaching Option Roadmaps**4- Year Roadmap**

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| KIN 235 | Lifetime Fitness (GE Area E) | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| KIN 223 | Intro To Pe | 3 |
| KIN Activity Required | | 1 |
| KIN Activity Required | | 1 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| BIO 250 | Elem Hum Anat & Physiol | 3 |
| BIO 251 | Elem Hum Anatomy Phys Lab | 1 |
| KIN 300 | Tests and Measurements in Physical Education | 3 |
| KIN 142 or KIN 170 | Physical Conditioning or Weight Training | 1 |
| KIN Activity Required | | 1 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| KIN 301 | Kinesiology | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| Additional lower division GE Area C or D | | 3 |
| KIN 233 | Prac.in Phys.Act.Instruction | 3 |
| GWAR Satisfying Course | | 3 |
| REC 260 | Outdoor Education | 1 |

| | | |
|---|---|------------|
| KIN Activity Required | | 1 |
| Hours | | 17 |
| Spring | | |
| KIN 303 | Exercise Physiology | 4 |
| KIN 304 | Introduction to Adapted Physical Education | 3 |
| KIN Activity Required | | 1 |
| KIN 118 | Basketball | 1 |
| or KIN 150 | or Soccer/Outdoor | |
| or KIN 152 | or Softball | |
| or KIN 164 | or Volleyball | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |
| KIN Activity Required | | 1 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| KIN 305 | Motor Learning | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | |
| KIN 330 | Sport and Exercise Psychology | 3 |
| KIN 448 | Tchg Effect Sec PE | 3 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 118 | Basketball | 1 |
| or KIN 150 | or Soccer/Outdoor | |
| or KIN 152 | or Softball | |
| or KIN 152 | or Softball | |
| or KIN 164 | or Volleyball | |
| Elective to meet 120 units | | 1 |
| Hours | | 14 |
| Spring | | |
| KIN 320 | History and Philosophy of Physical Education | 3 |
| KIN 490 | Senior Seminar in Physical Education | 1 |
| KIN Activity Required | | 1 |
| KIN Activity Required | | 1 |
| KIN 302 | Technology Methods in Physical Education and Recreation | 3 |
| KIN 449 | Dir Tchg In Sec PE | 2 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| KIN 300 | Tests and Measurements in Physical Education (if needed, or elective to meet 120 units) | 3 |
| KIN 301 | Kinesiology | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| KIN 233 | Prac.in Phys.Act.Instruction | 3 |
| REC 260 | Outdoor Education | 1 |
| KIN Activity Required | | 1 |
| Hours | | 17 |
| Spring | | |
| KIN 303 | Exercise Physiology | 4 |
| KIN 304 | Introduction to Adapted Physical Education | 3 |
| KIN 118 | Basketball | 1 |
| or KIN 150 | or Soccer/Outdoor | |
| or KIN 152 | or Softball | |
| or KIN 164 | or Volleyball | |
| GWAR satisfying course | | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |
| KIN Activity Required | | 1 |

| | | |
|---|---|-----------|
| KIN Activity Required | | 1 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| KIN 305 | Motor Learning | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| KIN 330 | Sport and Exercise Psychology | 3 |
| KIN 448 | Tchg Effect Sec PE | 3 |
| KIN 360 | Prev & Treat Ath Injuries | 3 |
| KIN 118 | Basketball | 1 |
| or KIN 150 | or Soccer/Outdoor | |
| or KIN 152 | or Softball | |
| or KIN 164 | or Volleyball | |
| Hours | | 16 |
| Spring | | |
| KIN 320 | History and Philosophy of Physical Education | 3 |
| KIN 490 | Senior Seminar in Physical Education | 1 |
| KIN Activity Required | | 1 |
| KIN Activity Required | | 1 |
| KIN 302 | Technology Methods in Physical Education and Recreation | 3 |
| KIN 449 | Dir Tchg In Sec PE | 2 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 14 |
| Total Hours | | 62 |

Physical Education, Subject Matter Preparation

The Single Field Major in Physical Education: Teaching Option serves as a waiver for the National Teacher Exam in Physical Education. Students who plan to enter the State of California Single Subject Teaching Credential Program in Physical Education must complete the Single Field Major in Physical Education: Teaching Option. Students must earn a grade of "C" or better in all courses to be given waiver credit.

Students must also complete additional requirements as listed in the Teacher Education section of this University Catalog.

Supplementary Authorization in Physical Education

This authorization is designed for individuals credentialed to teach in other subject areas in grades K-9 and wish to add Physical Education to the subjects they are credentialed to teach.

The Teaching minor, listed under "Minor Requirements," meets the State of California requirements for Supplementary Authorization in Physical Education.

Teaching, Minor Requirements

| Code | Title | Hours |
|--|--------------------------------|-------|
| Lower Division Requirements | | |
| KIN 113 | Social and Folk Dance Activity | 1 |
| KIN 132 | Gymnastics | 1 |
| KIN 223 | Intro To Pe | 3 |
| REC 260 | Outdoor Education | 1 |
| Select two courses from the following: | | 2 |

| | | |
|--|--|-----------|
| KIN 114 | Badminton | |
| KIN 130 | Golf | |
| KIN 141 | Martial Arts | |
| KIN 142 | Physical Conditioning | |
| KIN 162 | Tennis | |
| KIN 170 | Weight Training | |
| Select two courses from the following: | | 2 |
| KIN 118 | Basketball | |
| KIN 150 | Soccer/Outdoor | |
| KIN 164 | Volleyball | |
| Upper Division Requirements | | |
| KIN 305 | Motor Learning | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| KIN 448 | Tchg Effect Sec PE | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |
| or KIN 449 | Dir Tchg In Sec PE | |
| Total Hours | | 21 |

Labor Studies

College of Arts and Humanities
Department of Labor Studies

Program Description

Labor Studies focus on all aspects of working life from the point of view of workers. Emphasis is placed on understanding the labor movement as it relates to historical, economic, and social issues of the twenty-first century. The Labor Studies Department offers a major, a minor, and a certificate program. In 1977, the Labor Studies program was developed at CSU Dominguez Hills to provide Southern California with the only state-supported bachelor of arts program in this field. Our program was designed with the assistance of state and local labor leaders and was coordinated with Labor Studies programs at nearby community colleges.

Features

Besides being unique in Southern California, the CSU Dominguez Hills Labor Studies Department offers students a wide variety of courses taught by professors in a range of different disciplines. Labor Studies is an interdepartmental program, which means that along with specialized courses in labor studies, students also take related classes in fields such as history, sociology and economics. The student will acquire a good liberal arts education and an education in the more practical aspects of labor studies. Such courses as LBR 412 Labor Law are taught by labor lawyers and unionists who are currently involved in the workplace.

Evening Program

Every effort is made to schedule courses in the evening and on weekends. There are also internet and hybrid classes.

Academic Advisement

The faculty members comprising the Labor Studies Committee are available for advising students. Students should first contact the chair of the Labor Studies Program for counsel or direction to someone with the expertise to assist them. Upon enrollment, a student should establish a

relationship with an advisor who can help provide continuity during the student's college years.

Preparation

Students coming from high school must meet the California State University requirements for admission to CSU Dominguez Hills. Otherwise, prospective Labor Studies majors do not need to have taken any specific courses. It is recommended that community college transfer students complete their General Education courses before entering the Labor Studies program.

Student Organizations

Labor and Social Justice Club. Students interested in the field can participate in the Labor and Social Justice Club, which organizes discussions and forums on current topics, holds social events, and advises faculty and students on aspects of the program.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Labor Studies provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Possibilities

Careers for Labor Studies majors can be found within the labor movement and in private and public sector organizations that deal with labor relations. Many labor studies students are union officers or staff members seeking wider background knowledge for their current or future positions. A number of these students plan careers in the personnel and industrial relations divisions of corporations. Others wish to become professional mediators or arbitrators. Besides the careers typically sought by Labor Studies majors, a student also might consider a B.A. in Labor Studies as a background for teaching, labor journalism, or labor law.

Undergraduate Programs

Bachelor

- Labor Studies, Bachelor of Arts (p. 644)

Minor

- Labor Studies, Minor (p. 646)

Certificate

- Labor Studies, Certificate (p. 645)

Faculty

Dr. Stephen McFarland, Chair
Alfredo Carlos

Program Office: North Library 4500F

smcfarland@csudh.edu
(310) 243-3649

Interdepartmental Labor Studies Committee:
Please contact the program office for current membership.

Courses

LBR 101. Introduction to Labor Studies: Work, Wealth and Power. (3 Units)

Explore questions including: What is work's purpose? What are our rights on the job? How have labor struggles uplifted working class communities and shaped the global political economy? How can unions fight for social, racial, and gender justice across borders?

Offered Fall

LBR 200. Labor and the Environment. (3 Units)

The course will pursue an understanding of the consequences of climate policies for different categories of workers, identified by economic sector, geographic location, gender, migration and immigration, and national status.

Offered Fall, Spring

LBR 201. Work/Life: Purpose, Power, and Identity. (3 Units)

Explore: What is the role of work in a life well-lived? How do various cultures view work? Should we pursue work we love? That society needs? How do we handle workplace stress, occupational health, and integrating careers with other commitments?

Offered All terms

LBR 202. Class Struggles in Film and Popular Culture. (3 Units)

How are workers' lives portrayed in popular culture? We examine media in global context, discussing how image, text, and sound are used to tell workers' stories across gender, race, and sexual orientation as they stand up for dignity and justice.

Offered Spring

LBR 310. Success and Values. (3 Units)

Explores the various ways people and institutions in the Americas define success, with the underlying question, does one have to sacrifice one's values to achieve success.

Offered Fall, Spring

LBR 312. Decade of the Sixties. (3 Units)

Explores the sociopolitical milieu that incited the unrest of the Sixties, with the war in Vietnam at the center. Focuses on the interaction between writers, musicians, activists, labor and religious leaders, and the social movements of the time.

Offered Fall, Spring

LBR 313. The Future of Workers and Work. (3 Units)

Will the robots take our jobs? Course explores how automation, climate change, labor unions, and precarious work arrangements will affect the workplace in decades to come, and outcomes for women, immigrants and workers of color

Offered Fall, Spring

LBR 314. Key Issues: American Dream. (3 Units)

Explores the concept of the American Dream as it is expressed through literature, art, film, etc. and how people interpret the meaning of the concept in their own lives in a multiracial society.

Offered Fall, Spring

LBR 316. Working Class and Education. (3 Units)

What is the purpose of education? What functions does it perform and whose interests does it advance? Investigation of education as a network of institutions operating differently on different classes, races and genders. Evaluation of its position in relation with economy and governance.

Offered Fall, Spring

LBR 350. Research Methods for Social Change. (3 Units)

Research methods developed by social movements to guide organizing and advocacy for social, economic, and political change. Proficiency in a range of illuminating statistical survey, interview, and mapping techniques used to expose and challenge exploitation and injustice.

Offered Spring

LBR 365. Racial Capitalism. (3 Units)

Prerequisite: Upper division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. Focuses on the ways in which race and racism have been central to the political economic development of the U.S., with a particular focus on understanding how they were used to develop capitalism and how it impacts workers in our society.

Offered Fall, Spring

LBR 395. Special Topics in Labor Studies. (1-4 Units)

Prerequisite: Consent of instructor. Course of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered As needed

LBR 411. Contracts & Negotiations. (3 Units)

The process of negotiating, writing and enforcing a labor contract.

An overview of the historical events that have affected contemporary negotiation practices. A survey and analysis of labor contracts in various sectors of industry, including a workshop in contract writing and negotiation.

Offered Fall

LBR 412. Labor Law. (3 Units)

Legal history of the American labor movement. Survey of federal and state laws regulating employment, collective bargaining, contract clauses, arbitration, collective actions, lockouts, unfair labor practices and fair employment practices.

Offered Spring

LBR 490. Seminar In Labor Studies. (3 Units)

Prerequisite: Senior standing or consent of instructor. An integrative course to study selected topics, to develop an overview of the field and to relate theory and practical application. Students will develop seminar papers as they complete an internship in a labor organization or research an area of labor studies. Three hours of seminar per week.

Offered Infrequent

LBR 494. Independent Study. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.

Offered Fall, Spring, Summer

LBR 495. Special Topics. (1-4 Units)

Prerequisite: Consent of instructor. Advanced course of special interest for students in the selected area of study. Topic and content will vary as announced.

Offered Fall, Spring

LBR 496. Practicum Labor Studies. (3 Units)

Prerequisites: Consent of instructor is required. Directed field research or supervised internship. Training and research in the practice and policies of a labor organization or labor-related governmental agency. Repeatable course.

Offered Spring

LBR 590. Graduate Seminar. (3 Units)

Co-requisite: MUS 180 is required. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 180. In depth study of Etudes, scales, arpeggios, and supplemental solo repertoire.

Offered As needed

LBR 594. Independent Study. (3 Units)

A special project involving research or creative work in consultation with a faculty member. Repeatable for credit.

Offered As needed

LBR 595. Special Topics in Labor Studies. (3 Units)

Prerequisite: Consent of Instructor required. An intensive study of an issue or a concept in Labor Studies of special interest to faculty and students. Topics vary. Repeatable course

Offered As needed

LBR 598. Directed Research. (1-3 Units)

Independent research under direction of supervising faculty member in Labor Studies or related field. A-B/NC grading only.

Offered As needed

LBR 599. Graduate Capstone. (1-3 Units)

Supervised thesis or special project in Labor Studies.

Offered As needed

Labor Studies, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required.

Major Requirements (30 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Students are strongly encouraged to either pass the GVAR or take The Writing Adjunct (IDS 397 Writing Adjunct and IDS 398 Writing Adjunct (Competency Certification)) when starting this program.

Core Courses (18 units)

| Code | Title | Hours |
|------------------------|--------------------------|-------|
| Required Course | | |
| LBR 490 | Seminar In Labor Studies | 3 |
| Electives | | |

| | | |
|---|---------------------------|----|
| Select five courses from the following: | | 15 |
| ECO 330 | Labor Economics | |
| HIS 348 | Labor In American Society | |
| LBR 411 | Contracts & Negotiations | |
| LBR 412 | Labor Law | |
| SOC 315 | Sociology Of Work | |

Total Hours **18**

Note: When appropriate to the focus, courses such as IDS 326 Perspectives In Human Studies, or MGT 310 Management Theory, or MGT 312 Organizational Behavior may be substituted with advisor's approval.

Related Courses in Field of Emphasis: Four courses (12 units)

With advisement students will select 4 courses related to Labor Studies organized around a theme or a focus such as "labor and political economy," "women workers," "race and ethnicity in the labor force," "labor and culture," and "legal and negotiating skills for the workplace." Students may construct a field from the following courses, from other courses not used in the core section, and from other appropriate courses with advisor's approval. For example, a student interested in "legal and negotiating skills for the workplace" might use courses from political science that deal with the law. The following courses may also be used to construct a field of emphasis:

| Code | Title | Hours |
|---------|--|-------|
| LBR 495 | Special Topics | 1-4 |
| LBR 496 | Practicum Labor Studies | 3 |
| PUB 315 | Labor-Management Relations in Government | 3 |
| ACC 230 | Financial Accounting | 3 |
| PSY 372 | Industrial and Organizational Psychology | 3 |

Program Learning Outcomes

- Demonstrate knowledge of current labor law.
- Demonstrate an understanding of collective bargaining and negotiation strategies.
- Read, analyze and interpret effectively varied sources of information drawn from several disciplines, such as Sociology, History, Women's, and Africana, Asian, and Chicano Studies, and demonstrate how the information and concepts are relevant to Labor issues.
- Write with clarity, organization, and precision and apply critical thinking skills and analyses in written and oral presentations.
- Explain the significance of labor history.
- Exhibit computer and information literacy, including the skills to research with discrimination diverse topics using both the traditional library and other resources.
- Exercise leadership in service learning and/or community or labor organizing, and reflect on leadership experience.
- Demonstrate an understanding and appreciation of both the diversity and the multicultural heritage of the US and the global society.

Labor Studies

4-Year Roadmap

| First Year | | Hours |
|----------------------------------|--|-------|
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| LD GE Area C or D | | 3 |
| LD GE Area C or D | | 3 |

| | | |
|---|--|------------|
| GE Area E | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B4 | | 3 |
| LD GE Area C or D | | 3 |
| LBR 200 | Labor and the Environment | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| LD GE Area C or D | | 3 |
| LBR 310 | Success and Values | 3 |
| Elective Course | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 | | 3 |
| GE Area F | | 3 |
| LBR 314 | Key Issues: American Dream | 3 |
| HIS 101 | History Of United States ¹ | 3 |
| or POL 101 | or American Institutions | |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| IDS 397 | Writing Adjunct (GWAR satisfying course) | 2 |
| LBR 411 | Contracts & Negotiations | 3 |
| LBR 495 | Special Topics | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| HIS 101 | History Of United States ¹ | 3 |
| or POL 101 | or American Institutions | |
| Hours | | 14 |
| Spring | | |
| LBR 412 | Labor Law | 3 |
| SOC 315 | Sociology Of Work | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| ECO 330 | Labor Economics | 3 |
| HIS 348 | Labor In American Society | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBR 496 | Practicum Labor Studies | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

¹ American Institutions Requirement

2-YEAR ROADMAP

| | | |
|----------------------------|--|-----------|
| First Year | | |
| Fall | | |
| LBR 200 | Labor and the Environment | 3 |
| LBR 411 | Contracts & Negotiations | 3 |
| GE Area B5 | | 3 |
| Elective Course | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| LBR 314 | Key Issues: American Dream | 3 |
| LBR 412 | Labor Law | 3 |
| IDS 397 | Writing Adjunct (GWAR satisfying course) | 3 |
| GE Area C3 | | 3 |
| SOC 315 | Sociology Of Work | 3 |
| Elective to meet 120 units | | 1 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| ECO 330 | Labor Economics | 3 |
| HIS 348 | Labor In American Society | 3 |
| LBR 495 | Special Topics | 3 |
| GE Area D3 | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBR 310 | Success and Values | 3 |
| LBR 496 | Practicum Labor Studies | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Hours | | 15 |
| Total Hours | | 61 |

Labor Studies, Certificate Requirements

This certificate requires completion of eight three-unit courses. Students may receive the certificate while completing a major or minor in Labor Studies or in other fields or without attaining a B.A.

| Code | Title | Hours |
|---|---------------------------|-------|
| Core Requirements | | |
| Select four courses from the following: | | 12 |
| HIS 348 | Labor In American Society | |
| SOC 315 | Sociology Of Work | |
| LBR 411 | Contracts & Negotiations | |
| LBR 412 | Labor Law | |
| LBR 490 | Seminar In Labor Studies | |
| LBR 495 | Special Topics | |
| LBR 496 | Practicum Labor Studies | |
| Related Courses | | |
| Select four additional courses from the following or from courses listed above, but not used to satisfy the Core Requirements: ¹ | | 12 |
| ECO 330 | Labor Economics | |

| | |
|--------------------|--|
| PUB 315 | Labor-Management Relations in Government |
| PSY 372 | Industrial and Organizational Psychology |
| Total Hours | 24 |

¹ Other courses such as IDS 326 Perspectives In Human Studies may be substituted with advisor's approval when they deal with issues of work, unions, the economy, and labor-relations skills.

Labor Studies, Minor

Requirements

| Code | Title | Hours |
|---|--|-----------|
| Core Courses | | |
| Select three courses from the following: | | 9 |
| LBR 411 | Contracts & Negotiations | |
| LBR 412 | Labor Law | |
| HIS 348 | Labor In American Society | |
| SOC 315 | Sociology Of Work | |
| LBR 490 | Seminar In Labor Studies | |
| Related Courses | | |
| Select two courses from the following: ¹ | | 6 |
| ANT 346 | Anthropology Of Work | |
| ECO 330 | Labor Economics | |
| PUB 315 | Labor-Management Relations in Government | |
| Total Hours | | 15 |

¹ When they deal with issues of work, unions, the economy and labor-relations skills, other courses such as IDS 326 Perspectives In Human Studies may be substituted with advisor's approval. Courses listed above under Core Courses that are not used to fulfill the nine core units may also be used here.

Language and Linguistics

College of Arts and Humanities

Department of English

Program Description and Features

The Linguistics B.A. (36 units) provides insights about how human languages work. We cover topics such as the structure of the world's languages, the production and perception of sounds, the formation of words and sentences, the creation and understanding of meaning, how people use two languages, how languages change over time, and the connection between language-identity-society, just to name a few topics. Our program provides the tools to investigate human language and to reflect upon its function within society and educational systems. Linguistics degrees provide students with general organizational and analytical skills and help to train them in analyzing data.

These skills provide a useful foundation for many careers and graduate school. Linguistics majors pursue careers in English language instruction, speech language pathology, lexicography, communications, marketing, forensic linguistics, data analysis, law school, and administration, in addition to students moving on to graduate studies in theoretical or

applied linguistics, computational linguistics, or TEFOL/ESOL, among others.

Academic Advisement

All full-time faculty serve as academic advisors. Students may either choose their own advisor, or they might be assigned to advisors. Students who would like to be assigned to an advisor should come to the department office for assistance.

Preparation

Four years of high school college-preparatory English courses must have been completed in partial fulfillment of the admission requirements of The California State University.

Graduation with Honors

Undergraduate students who have met the following criteria will be awarded departmental honors at graduation:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. An overall grade point average of 3.6 for upper-division courses taken for the major in Language and Linguistics at CSUDH.

- Language and Linguistics, Bachelor of Arts (p. 652)

Andrew Kalaidjian, chair

Iara Mantenuto, Malik Stevenson

Emeriti Faculty

Burckhard Mohr, Vanessa Wenzell, Ed Zoerner

ENG 107. Reading & Writing LA. (3 Units)

Through reading and writing about place and identity, students are introduced to threshold concepts in writing studies to increase their metacognitive skills, deepen their sense of belonging, and strengthen their growing academic identities.

Offered Summer

ENG 108. Freshman Composition I: Stretch 1. (3 Units)

College-level reading and writing taken over two terms (ENG 108/109) that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research and practice of conventions. CR/NC grading.

Offered Fall

ENG 109. Freshman Composition I: Stretch 2. (3 Units)

College-level reading and writing taken over two terms (ENG 108/109) that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research and practice of conventions. Graded A-C/NC.

Offered Spring

ENG 110. Freshman Composition Accelerated. (3 Units)

College-level reading and writing that develops rhetorical knowledge and critical thinking and engages students in writing processes. Graded A-C/NC.

Offered Fall, Spring

ENG 111. Freshman Composition II. (3 Units)

Prerequisite: ENG 110 or equivalent. Reinforcement of basic writing skills with emphasis on persuasion and argumentation, including a documented essay. Aids in writing convincing arguments and assembling, organizing, and documenting evidence supporting a thesis. Graded A-C-/NC.

Offered Fall, Spring, All terms

ENG 112. Freshman Composition Supported. (3 Units)

College-level reading and writing that incorporates additional instruction and support to develop rhetorical knowledge and critical thinking and engage students in writing processes, research, and observation of conventions. A-C-/NC grading.

Offered Infrequent

ENG 150. Languages of the World. (3 Units)

Introduction to linguistics as a social science. Includes an overview of the world's languages and language families, with an investigation of how social issues and language impact each other. Not open for credit toward the English major.

Offered Fall, Spring

ENG 194. Independent Study in English. (1-3 Units)

Offered As needed

ENG 195. Special Topics in Composition. (1-4 Units)

Offered Infrequent

ENG 202. English Literature to 1642. (3 Units)

Survey of British poetry, drama, and prose to 1642. Offered Fall, Spring
Offered All terms

ENG 203. English Literature: 1642-1832. (3 Units)

Survey of British poetry, drama, and prose, 1642-1832. Offered Fall, Spring.

Offered Fall, Spring, Summer

ENG 204. English Literature: 1832- Present. (3 Units)

Survey of British poetry, drama, and prose, 1832- present. Offered Fall, Spring

ENG 205. Literary Genres and Devices. (3 Units)

Prerequisite: Completion of GE Area A2: Written Communication.

Introduces a series of literary genres including stories, poems, plays, essays, and the novel, with characteristic devices including point of view, symbol, plot and imagery.

Offered Fall

ENG 210. Study of Language. (3 Units)

Prerequisite: Completion of G.E. Area A2. Forms of prose fiction from different periods and national literatures. Written exercises required.

Offered Fall, All terms

ENG 230. Literature and Popular Culture. (3 Units)

Ways of reading literature and popular culture to enhance understanding, appreciation, and enjoyment. Requires frequent writing assignments.

Offered Fall, Spring

ENG 240. American Literature to 1865. (3 Units)

Offered All terms

ENG 241. American Literature after 1865. (3 Units)

Intensive study of selected American works after 1865, with reading across periods, genres, and traditions, including texts by underrepresented and marginalized groups. Offered Fall, Spring.

Offered All terms

ENG 271. Introduction to Creative Writing. (3 Units)

Experiences in creative writing through encounters with selected literary works.

Offered Fall, Spring, Summer

ENG 302. English Literature to 1642. (3 Units)

Prerequisite: Completion of G.E. Area A2 Written Communication . Survey of British poetry, drama, and prose to 1642.

Offered Fall, Spring

ENG 303. English Literature: 1642-1832. (3 Units)

Prerequisite: Completion of G.E. Area A2: Written Communication. Survey of British poetry, drama, and prose, 1642-1832.

Offered Fall, Spring

ENG 304. English Literature: 1832-Present. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Survey of British poetry, drama, and prose, 1832-present.

Offered Fall, Spring

ENG 305. Critical Reading of Literature. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Analysis of literature to develop critical reading skills. Intended for students in Liberal Studies and Linguistics; may not be counted toward major/minor in English with Literature option. Written exercises required.

Offered Fall, Spring, Summer

ENG 306. Backgrounds of Literature. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Survey of traditional sources of world literature, including Greek and Roman mythology, Old and New Testaments, and early traditions of Asia, Africa, and the Americas

Offered Spring

ENG 307. Practice in Literary Criticism. (3 Units)

Prerequisite: Completion of G.E. Area A2: Written Communication. Practice in literary criticism from contemporary theoretical perspectives. For Literature majors and minors in English. Written exercises regularly required.

Offered Fall, Spring

ENG 308. Critical Approaches to Children's Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. Critical analysis of children's literature from its inception to the present including the concept of the child as a historical, social, cultural, and political construct. Examines genre and form in literary and visual works from various perspectives. 3 hours lecture.

Offered Fall, Spring, Summer

ENG 311. Phonology. (3 Units)

Prerequisite: Completion of G.E. Area A2. The phonetics of a variety of languages and the phonetic phenomena that occur in natural languages. Practice in the perception and transcription of such phenomena.

Introduction to the traditional and current views of phonological theory.

Offered Fall, All terms

ENG 312. Morphology. (3 Units)

Prerequisite: Completion of G.E. Area A2. Descriptive and historical (etymological) analysis of the structure of words in English and other languages: common roots, base forms, and affixes; rules of word formation; semantic change.

Offered Spring

ENG 314. English Syntax: Traditional. (3 Units)

Prerequisite: Completion of G.E. Area A2. The structure and meaning of sentences, approached through traditional models of grammar; the role of syntax in writing and composition.

Offered Fall, Spring, All terms

ENG 315. Theoretical Syntax. (3 Units)

Prerequisite: Completion of G.E. Area A.1. The structure and meaning of sentences approached through any current theoretical model of syntax. Offered Fall

ENG 317. Black English Language and Culture. (3 Units)

This course examines the linguistic features and the cultural, social, historic, and communicative aspects of Black English in the US and across the African and African American diaspora. Students will learn how to create community-based research to explore the past, present and future of Black English in a globalized society and in educational discourse. Students will then learn the writing conventions of sociolinguistics research and critically reflect on our own intersectional experiences and interactions with Black English, in order to position ourselves as sociolinguists within the broader scholarly and academic community. A grade of C or better in this course fulfills the GEAR requirement for Linguistics majors. Offered Spring, All terms

ENG 320. Literacy, Power, and Identity. (3 Units)

Exploration of literacy as a sociocultural practice. Connections between literacies, individuals and social identities, social and political power structures, and their pedagogical implications

ENG 325. Poetry. (3 Units)

Prerequisite: Completion of G.E. Area A2. Analysis of various forms of poetry, with an emphasis on American and British writers from various eras. Students will learn and apply conventions of oral poetry. Written exercises required. Offered Fall, Spring

ENG 326. Prose Fiction. (3 Units)

Offered Fall

ENG 327. Drama. (3 Units)

Prerequisite: Completion of G.E. Area A2. Forms of drama by major playwrights from different periods and national literatures. Written exercises required. Offered Spring

ENG 335. Readings in World Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. Intensive study of selected major writers from the world's literature, read in translation. Offered Fall, Spring

ENG 340. American Literature to 1865. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of selected American works. Offered Fall, Spring

ENG 341. American Literature: 1865-Present. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of selected American works. Offered Fall, Spring

ENG 342. African American Literature. (3 Units)

Study of works by African American authors. Historical development of the tradition from its beginnings to the present. Genres include poetry, drama, fiction, and autobiography. Key themes include connections to folk and oral traditions and the role of literature in social protest. Offered Fall, Spring

ENG 343. African-American Poetry and Drama. (3 Units)

Prerequisite: ENG 111. Historical development of African-American poetry from its roots. Study of major African-American plays. Focus on poetry and drama as media informing particular aspects and textures of the Black American experience. Offered Infrequent

ENG 344. African-American Prose. (3 Units)

Prerequisite: ENG 111. Selected African-American works of fiction and non-fiction. Analysis of themes, techniques and symbols. Special attention given to folkloric elements; i.e., blues, dozens, folktales, etc., as they are employed in the literature. Offered Infrequent

ENG 345. Latino/a Literature. (3 Units)

Prerequisite: ENG 111. Study of works by U.S. Latino/a authors. Attention to historical and cultural contexts. Comparative analyses of themes such as identity and community with respect to race, class, gender, sexuality, migration and citizenship. Offered Fall, Spring

ENG 346. Native American Literature. (3 Units)

Study of works by indigenous writers of North America in their historical, cultural, and tribal contexts. Readings across periods and multiple genres (fictions, poetry, memoir, oral traditions). Key topics include race, gender, sexuality, class nationality and sovereignty. Prerequisite: Completion of G.E. Area A.1. Composition

ENG 347. Literature of Ethnicity and Gender. (3 Units)

Prerequisite: Completion of first year composition. Readings in such areas as Latino American, Asian American, and women's literature. Topic will vary. May be repeated up to six units for the major or minor in English. Offered Fall, Spring

ENG 350. Advanced Composition. (3 Units)

Prerequisite: Completion of GE Area A2 Written Communication. Continued study of writing processes and rhetorical communication, with emphasis on literacy within and across disciplinary contexts and how to negotiate the attitudes and conventions of various discourse communities. May not be counted toward major/minor in English. Satisfies Graduation Writing Assessment Requirement (GEAR). Graded A-C/NC. Offered Fall, Spring, Summer

ENG 351. Composition for Elementary School Teachers. (3 Units)

Prerequisite: Satisfaction of the GEAR. Advanced writing course. Focus on children's writing development, writing process and techniques for teaching composition, and further development of writing abilities of prospective elementary school teachers. Offered Infrequent

ENG 352. Writing and Speaking Skills for Management. (3 Units)

Prerequisites: Satisfaction of the GEAR. Principles and skills of effective communication within organizational management. This course concentrates on eliciting desired responses through various types of business communication in writing. May be counted only once toward major/minor and twice for elective credit. Graded A-C/NC. Repeatable course. Offered Infrequent

ENG 360. Heroes and Antiheroes. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Students will investigate the cultural assumptions and implications lying behind the archetypes of heroism and anti-heroism. Texts will be drawn from mythology, literature, stage drama, and film, with side glances at philosophy and psychology. Offered As needed

ENG 362. Environment in Literature & Culture. (3 Units)

Prerequisite: Completion of G.E. Area A2 Composition. Analysis of the influence of environment on literature with attention to rural vs. urban spaces, nature vs. culture, climate change and environmental justice. Offered As needed

ENG 364. Literary Utopia. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Critical study of traditions of utopian and dystopian literature, with emphasis on genre definitions and intersections with science fiction, fantasy, history, philosophy, and politics.
Offered As needed

ENG 398. Directed Research. (1-3 Units)

Prerequisites: Senior standing and consent of instructor. Investigations in the historical and/or theoretical foundations of modern linguistics. Repeatable course. Three hours of seminar per week.
Offered Infrequent

ENG 413. History of the English Language. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. The evolution of English from its Indo-European origins, through Old and Middle English, to the rise and spread of Modern English.
Offered Fall, All terms

ENG 414. American English. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. American English from colonial times to the present. Contacts with native, colonial, and immigrant languages and regional, social, and ethnic dialects.
Offered Spring

ENG 419. Psycholinguistics. (3 Units)

Prerequisite: Completion of G.E. Area A2. ENG 210 or ENG 314 or one course in psychology. Current theory and research in the psychology of language and its historical background, including experiments on speech production and comprehension, acquisition of language by children, and disorders of speech and language.
Offered Infrequent

ENG 420. Linguistic Analysis. (3 Units)

Prerequisite: Completion of G.E. Area A2. ENG 311 or ENG 314. Descriptive and formal analysis of phonological, syntactic, and/or historical data from a variety of human languages. Repeatable for credit.
Offered Fall

ENG 433. Thematic Approaches to Literature. (3 Units)

Prerequisite: Completion of G.E. Area A2. An exploration of literature organized around such themes as Women Writers or Death and Dying, using works from a variety of cultures and historical periods. Repeatable course.
Offered Infrequent

ENG 451. Advanced Creative Writing. (3 Units)

Prerequisites: ENG 111 and consent of instructor. Practice in various forms of imaginative writing. Repeatable course.
Offered Spring

ENG 457. Advanced Composition for Teachers. (3 Units)

Prerequisite: Satisfaction of the G.W.A.R. Advanced writing course for prospective secondary school teachers, designed to develop understanding of writing process and techniques for teaching composition. Course also stresses development of students' own strengths as writers.
Offered Fall

ENG 465. Chaucer. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Chaucer's major poetry, its historical and literary background.
Offered Fall

ENG 467. Shakespeare. (3 Units)

Prerequisite: ENG 307 is required. Literary analysis of selected comedies, histories, and tragedies. Students will learn and apply performative aspects of Shakespeare's plays.
Offered Fall, Spring, All terms

ENG 472. Creative Nonfiction Workshop. (3 Units)

Practice in various forms of contemporary creative nonfiction, such as memoir, essay, literary journalism. Analysis of a wide range of models, exercises in invention techniques, discussion of writing processes, and workshopping of students' drafts and revisions. Repeatable for credit.
Offered Fall

ENG 473. Writing Center Theory and Practices. (3 Units)

The history and theoretical foundations of writing centers and writing tutoring. Frequent writing assignments as well as best practices in the teaching of writing.
Offered Spring, Summer

ENG 476. Individual Authors and Topics Pre-1700. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Intensive study of a major author, group of authors, or focused topic from the pre-1700 period.
Offered Fall

ENG 477. Individual Authors and Topics Post-1700. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Intensive study of a major author, group of authors, or focused topic from the post-1700 period.
Offered Spring

ENG 478. Current Issues in Rhetoric and Composition. (3 Units)

Intensive study of selected topics in rhetoric and composition such as invention and teaching of writing, issues in literacy instruction, rhetoric and contemporary culture, composition and cognitive development, the composing process in a rhetoric framework, linguistic approaches to rhetoric. Three hours of seminar per week. Offered Fall.

ENG 485. Literary, Media and Culture Studies. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Practice in devising strategies appropriate to the needs of students in grades 7-12. Emphasis on techniques of developing textual, media, and cultural literacies, of analyzing genres, of making literature, media, and popular culture accessible, and of generating essay topics from these sources.
Offered Spring

ENG 486. ESL Teaching Methods. (3 Units)

Prerequisite: Completion of G.E. Area A2. Composition. Investigation of approaches, methods, and techniques used in second language instruction.
Offered Spring

ENG 487. Introduction to Second-Language Learning and Teaching. (3 Units)

Prerequisite: Completion of G.E. Area A.1. Composition. Focus on linguistic, social, and cultural factors in schooling language-diverse students. Areas of concentration include first and second-language acquisition, history of second-language teaching, current second-language theoretical frameworks, and dual language teaching strategies.
Offered Fall, Spring

ENG 490. Seminar in Literature. (3 Units)

Prerequisite: Consent of instructor. Intensive study of one or more authors, a single historical period, a literary movement or genre, or an aspect of literary criticism. This course examines disciplinary discourse through formal and informal written assignments that stress the importance of literary analysis, research, and revision. Repeatable course. A grade of C or better in this course fulfills the GVAR requirement for all English Literature and English Education majors and minors. Offered Fall, Spring

ENG 492. Seminar in Linguistics. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Study of American writers, texts and topics primarily before 1900. Repeatable course. Three hours of seminar per week. Offered Spring, All terms

ENG 494. Independent Study. (1-4 Units)

Prerequisites: Consent of instructor and department chair. Intense reading or an original research project or creative writing under faculty supervision. Arrangements must be made a semester in advance of registration. Repeatable course. Offered As needed, All terms

ENG 495. Special Topics in English. (3 Units)

Variable authors and texts, literary periods, or analytical approaches and methodologies. Uses upper-division research techniques to produce sustained critical arguments. Offered As needed

ENG 496. Internship. (1-3 Units)

Prerequisite: Consent of Instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities. Repeatable course. Credit/no credit grading. Offered As needed

ENG 497. Directed Reading. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under faculty supervision. Repeatable course. Offered Infrequent

ENG 498. Directed Research. (1-3 Units)

Offered Infrequent

ENG 501. Advanced English Studies. (3 Units)

Prerequisites: Graduate Standing or Consent of instructor. Introduces students to the interdisciplinary fields of English studies, including literature, rhetoric and composition, and linguistics. This course fulfills the Oral Requirement of the MA in English: Literature Option and MA in English: Literature Option with Rhetoric and Composition. Offered Fall

ENG 513. History of English Language. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. The evolution of English from its Indo-European origins, through Old and Middle English, to the rise and spread of Modern English. Offered Fall odd

ENG 514. American English. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. American English from colonial times to the present. Contacts with native, colonial and immigrant languages and regional, social and ethnic dialects. Offered Fall even

ENG 530. Seminar: Studies in Medieval Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. A study of major works in English literature before 1500. Some focus on major continental analogues and critical methodology. Majority of the texts read in translation. Repeatable course. Three hours of seminar per week. Offered Spring

ENG 535. Seminar: Studies in Renaissance Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major works in English literature from 1500-1660. Emphasis on such representative writers as More, Spenser, Shakespeare, Marlowe, Jonson, Donne, Bacon and Milton. May include continental contemporaries such as Montaigne and Machiavelli. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 540. Seminar: Studies in Restoration and Eighteenth-Century Literature (1660-1798). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Consent of instructor and department chair. Literature of the Restoration, Neoclassic, and Sensibility eras. May include readings that provide historical, philosophical, or cultural content. Repeatable course. Three hours of seminar per week. Offered Spring even, All terms

ENG 543. Seminar: Studies in Romantic Literature (1798-1832). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Consent of instructor and department chair. Selected studies in the Romantic movement in English literature, including such precursors as Burns and Blake. Repeatable course. Three hours of seminar per week. Offered Fall odd

ENG 545. Literary Criticism. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major works in literary criticism selected from Plato to the present. Offered Spring, All terms

ENG 546. Seminar: Studies in Victorian Literature (1832-1901). (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. A study of major writers from the Great Reform Bill to the fin de siècle with an emphasis on literary responses to emerging scientific thought, social consciousness, and religious issues. Repeatable course. Three hours of seminar per week. Offered Fall even

ENG 549. Seminar: Modern British Literature. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Selected literary study of the modern period in England, Ireland, and the Commonwealth, as typified by such novelists and poets as Conrad, Yeats, Lawrence, Joyce, Woolf, Forster, Eliot, Auden, Thomas, Greene, and Lessing. Repeatable course. Three hours of seminar per week. Offered Spring

ENG 552. Sem: Studies In American Literature to 1900. (3 Units)

Prerequisites: Consent of instructor and department chair. Comparative study of genres, literary movements, or authors over more than one period. Repeatable course. Three hours of seminar per week. Offered Spring odd

ENG 555. Seminar: Studies in American Literature After 1900. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Study of American writers, texts, and topics primarily after 1900. Repeatable course. Three hours of seminar per week. Offered Fall

ENG 570. Seminar in Writing. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Intensive training in writing. Advanced study of techniques of prose discourse. Frequent writing assignments. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 571. Discourse Analysis. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Analysis and description of structures and functions of language beyond the sentence level. May include textual and conversational analysis; classical rhetorical canons; speech acts; scripts/information structures; cohesion, coherence, deixis; spoken and written discourse. Three hours of seminar per week.
Offered Spring

ENG 572. Creative Nonfiction Workshop. (3 Units)

Practice in various forms of contemporary creative nonfiction, such as memoir, essay, literary journalism. Analysis of a wide range of models, exercises in invention techniques, discussion of writing processes, and workshopping of students' drafts and revisions. Repeatable for credit.
Offered Fall

ENG 573. Writing Center Theory and Practices. (3 Units)

Prerequisite graduate standing or Consent of Instructor. The history and theoretical foundations of writing centers and writing tutoring. Frequent writing assignments as well as best practices in teaching of writing.

ENG 574. Research Methods and Discourses in Composition and Rhetoric. (3 Units)

Advanced study in research methodologies, scholarly discourses, and means of knowledge production in composition/rhetoric and writing studies. Frequent writing and hands-on practice in text-based and empirical approaches to inquiry. Three hours of seminar per week.

ENG 575. Teaching Of Composition. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Theory and practice in teaching composition. Three hours of seminar per week.
Offered Fall

ENG 576. History and Theories of Rhetoric. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Major theories of rhetoric from ancient Greece to the present. Role of rhetoric in the history of ideas. Emphasis on multiple notions of rhetoric and attitudes toward it. Three hours of seminar per week.
Offered Spring

ENG 577. Current Issues in Rhetoric and Composition. (3 Units)

Prerequisite: Graduate Standing or Consent of instructor. Intensive study of selected topics in rhetoric and composition such as invention and the teaching of writing, issues in literacy instruction, rhetoric and contemporary culture, composition and cognitive development, the composing process in a rhetorical framework, linguistic approaches to rhetoric. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 581. Semantics, Pragmatics and Discourse. (3 Units)

Overview of semantics and the major approaches to pragmatics and discourse analysis. Three hours of seminar per week.
Offered Spring

ENG 582. Seminar: Linguistic Analysis. (3 Units)

Seminar in the descriptive and formal analysis of phonological, syntactic, and/or historical data from a variety of human languages. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 583. Seminar: Psycholinguistics. (3 Units)

Seminar in current theory and research in the psychology of language and its historical background, speech production and comprehension, acquisition of language, disorders of speech and language. Three hours of seminar per week.
Offered Infrequent

ENG 584. Seminar: Sociolinguistics. (3 Units)

Examinations of varieties of English and social aspects of language use. Topics include dialectology, pidgin and creoles, bilingualism, code-switching, and intercultural communication. Three hours of seminar per week.
Offered Fall, Spring

ENG 585. Second Language Acquisition. (3 Units)

Prerequisites: Consent of instructor and department chair. Theories of second-language acquisition second-language learning, bilingualism, and sociocultural variables of language uses, with particular emphasis on the young adult and adult learner. Three hours of seminar per week.
Offered Fall

ENG 586. ESL Teaching Methods. (3 Units)

Prerequisites: Graduate standing. Investigation of approaches, methods, and techniques used in second language instruction.
Offered Spring

ENG 587. Seminar: Current Issues in TESL/Applied Linguistics. (3 Units)

Intensive study of selected topics in TESL/Applied Linguistics such as ESL Writing/Composition, Reading and Vocabulary Acquisition, Pedagogy of Spoken English, Curriculum and Program Design, Testing/Evaluation. Repeatable course. Three hours of seminar per week.
Offered Fall

ENG 588. Sem:Pedag Gram For TESOL. (3 Units)

Examination of areas of English grammar typically taught to non-native speakers. To familiarize prospective ESL teachers with classroom terminology, techniques and materials. Develop ability to analyze and explain grammatical phenomena in terms accessible to ESL students.
Offered Spring

ENG 590. Seminar In Literature. (3 Units)

Prerequisite: Consent of chair. Study of a writer, period, genre, theme, or problem in literature. Repeatable course. Three hours of seminar per week.
Offered Infrequent

ENG 591. Integrative Seminar in Literature. (3 Units)

Prerequisite: FRE 220 or equivalent. A reading, composition, and discussion course concerned with elements of style and syntax, with emphasis on creative writing by students.
Offered Infrequent

ENG 592. Seminar:Topics in Linguistics. (3 Units)

Prerequisites: Consent of instructor and department chair. Advanced topics in phonological, syntactic, historical-comparative or contrastive theory and analysis. Repeatable course. Three hours of seminar per week.
Offered Spring

ENG 593. Research Methods in Applied Linguistics. (3 Units)

Prerequisites: Consent of instructor and department chair. Survey of research methods in applied linguistics, including problem description, data collection and analysis, interpretation of results. Preparation of Final Project. Three hours of seminar per week. Repeatable but may count only once toward the MA degree.
Offered Infrequent

ENG 594. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a faculty member, the student will investigate in detail current scholarship in some area, or will undertake a project involving original research or creative writing. Repeatable course.

Offered As needed

ENG 595. Special Topics. (3 Units)

An intensive study of a selected issues in literature or linguistics. Repeatable course. Three hours of seminar per week.

Offered Infrequent

ENG 597. Directed Reading. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under the guidance of a faculty mentor. Repeatable course.

Offered Infrequent

ENG 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Language and Linguistics, Bachelor of Arts

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (36 units)

| Code | Title | Hours |
|-----------------------------------|------------------------------------|-------|
| Lower Division Courses (6 units) | | |
| ENG 150 | Languages of the World | 3 |
| ENG 210 | Study of Language | 3 |
| Upper Division Courses (30 units) | | |
| ENG 311 | Phonology | 3 |
| ENG 312 | Morphology | 3 |
| ENG 314 | English Syntax: Traditional | 3 |
| ENG 315 | Theoretical Syntax | 3 |
| ENG 317 | Black English Language and Culture | 3 |
| ENG 413 | History of the English Language | 3 |
| ENG 414 | American English | 3 |
| ENG 420 | Linguistic Analysis | 3 |

| | | |
|---|-------------------------|---|
| ENG 492 | Seminar in Linguistics: | 3 |
| Select one additional upper division English course with the assistance of an advisor | | 3 |

Total Hours 36

- Students will apply and evaluate multiple models of language. Students will respond critically to linguistic scholarship and utilize appropriate sources in constructing critical arguments about language.
- Students will write discipline-appropriate reviews and research, using appropriate sources and documentation standards. In both individual and collaborative assignments, student will produce course-appropriate projects and papers. Students will present work orally in a discipline-appropriate format.
- Students will analyze data from a diverse variety of languages. Students will identify and analyze examples of the relationship between language, power and society.
- Students will produce linguistic analyses informed by independent research. Students will locate and evaluate appropriate sources and/or gather linguistic data, for the study of given linguistic phenomena. In writing, students will demonstrate their ability to propose an analysis and/or to reflect on the proposal made. Students will document sources and collect data ethically and appropriately.
- Engage in critical self-reflection and reflection of the material covered in each course to demonstrate an understanding their agency and social responsibility as members of a local and global community, their life-long learning experience and how their knowledge of linguistics can have an impact in society.

4-year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area C1/C2 or GE Area D1 | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area E Lifelong Learning and Self Development | | 3 |
| ENG 150 | Languages of the World | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| GE Area B1 or GE Area B2 | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1/C2 or GE Area D1 | | 3 |
| GE Area C1/C2 or GE Area D2 | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ENG 210 | Study of Language | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 or GE Area B2 | | 3 |
| GE Area B3 Science Lab | | 1 |
| GE Area C1/C2 or GE Area D2 | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| ENG 314 | English Syntax: Traditional | 3 |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |

| | |
|---|------------|
| GE Area A3 Logical/Critical Reasoning | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| ENG 311 Phonology | 3 |
| ENG 315 Theoretical Syntax | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Spring | |
| ENG 312 Morphology | 3 |
| ENG 317 Black English Language and Culture ¹ | 3 |
| GE Area B5 or GE Area D3 | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| ENG 413 History of the English Language | 3 |
| ENG 420 Linguistic Analysis | 3 |
| GE Area B5 or GE Area D3 | 3 |
| Major Elective | 3 |
| Elective to meet 120 | 3 |
| Hours | 15 |
| Spring | |
| ENG 414 American English | 3 |
| ENG 492 Seminar in Linguistics: | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 2 |
| Hours | 14 |
| Total Hours | 120 |

¹ Meets GWAR requirement.

2-year Roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| ENG 150 | Languages of the World | 3 |
| ENG 210 | Study of Language | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 312 | Morphology | 3 |
| ENG 314 | English Syntax: Traditional | 3 |
| ENG 317 | Black English Language and Culture ¹ | 3 |
| GE Area B5 or GE Area D3 | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| ENG 311 | Phonology | 3 |
| ENG 315 | Theoretical Syntax | 3 |
| ENG 413 | History of the English Language | 3 |

| | | |
|----------------------------|-------------------------|-----------|
| ENG 420 | Linguistic Analysis | 3 |
| GE Area B5 or GE Area D3 | | 3 |
| Hours | | 15 |
| Spring | | |
| ENG 414 | American English | 3 |
| ENG 492 | Seminar in Linguistics: | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

¹ Meets GWAR requirement.

Liberal Studies

College of Education

Program Description

Liberal Studies (LBS) is an interdisciplinary undergraduate major for students who intend to become elementary and special education teachers or to pursue related graduate work. Courses leading to the B.A. in Liberal Studies focus on the subject areas taught in elementary schools as well as professional preparation and early fieldwork. LBS is a California Commission on Teacher Credentialing (CTC) approved Elementary Subject Matter Preparation Program (ESM). LBS also offers two Integrated Teacher Education Programs (ITEP) in which students earn a B.A. and a credential for teaching elementary school (multiple subjects) or special education (education specialist mild/moderate support needs).

Highlights of a Liberal Studies Degree

Balanced Learning and a Focus on Social Justice and Racial Equity

The Liberal Studies curriculum covers a broad spectrum of liberal arts and sciences to give future teachers a solid foundation of knowledge and ideas to use in diverse Multiple Subject classrooms. Our curriculum is grounded in theoretical frameworks and sustaining pedagogies that foster critical thought around equity, access and justice.

Depth of Study

Students pursue an area of deeper learning in an approved option within the Liberal Studies Program. This allows them to add more specialized knowledge in a particular area to their well-rounded liberal arts education.

Accelerated Completion of a Credential Program

- The program is an approved Elementary Subject Matter Preparation Program (ESM) meaning that students who successfully complete the Liberal Studies major requirements with a grade of "C" or better will not need to take the CSET.
- Liberal Studies students complete the multiple subject credential program in two semesters instead of three and may also complete requirements towards a credential in special education.
- Liberal Studies also offers three Integrated Teacher Education Program Options (ITEP). Students may earn a B.A. and a credential for teaching elementary school (multiple subjects), teaching elementary school in a dual language setting (multiple subjects with bilingual authorization) or special education (education specialist mild/moderate). Note: Liberal Studies is not currently accepting

students into the Integrated Teacher Education Program Options (ITEP).

Responsive Curriculum

Faculty in the Liberal Studies department are continuously addressing the curriculum to meet the needs of students while also maintaining quality standards, high expectations and relevant, required content in all of our courses.

Preparation

Students preparing to enter the Liberal Studies major should focus on building a strong GPA to facilitate their future entry into credential programs. Community college students planning to transfer should know that several GE courses "double-count" in the Liberal Studies major. These courses are listed at www.assist.org (<http://www.assist.org/>).

Academic Advisement

Liberal Studies students should see an advisor each semester. Advising is available throughout the year. Students requiring information should email lbs@csudh.edu or call (310) 243-3832 to confirm advising schedules. Students on academic notice are required to attend STEPS (Strategies Toward Educational Progress & Success) workshops provided by the COE Student Success Center. Academic notice holds will be lifted by COE Student Success Center after satisfactory completion of STEPS. In addition to program and professional advising, advisors may refer students to other university services on campus.

All students applying to the Liberal Studies major (or current CSUDH students changing their majors) must attend a Liberal Studies Advising Meeting. The meeting includes information about: creating a LBS student file, registration for courses, important university policies, community

Graduation with Honors

Undergraduate majors are eligible to graduate with honors in Liberal Studies if they meet the following criteria:

1. Complete a minimum of 36 units in residence at CSU Dominguez Hills.
2. Maintain a minimum grade point average of 3.5 in all upper-division coursework (300 and 400 level) used to satisfy the requirements for the Liberal Studies major (Core and Option).

Overall Program Structure

The major consists of two parts:

1. **Core** Course Requirements. Students take specific courses in each of five areas: Language and Literature; Mathematics and Science; History and Social Science; Visual and Performing Arts; and Professional Development. These specific courses provide the subject matter background for elementary and special education teachers.
2. **Option** or Depth of Study Course Requirements. Students study a subject area within the major in depth and may choose any approved option. (Integrated Option also requires Depth of Study).

Career Possibilities

Liberal Studies is the preferred undergraduate major for students preparing to teach elementary or special education.

Undergraduate Programs

Bachelor

- Liberal Studies ITEP Mild/Moderated Disabilities Option, Bachelor of Arts (p. 656)
- Liberal Studies, Bachelor of Arts (p. 658)
- Liberal Studies: Integrated (Multiple Subject) Option, Bachelor of Arts (p. 675)

Faculty

Angela Macias, Chair

Jennifer Stacy, Amina Humphrey, Mike Karlin

Department Office: COE 1412, (310) 243-3832

Email address: lbs@csudh.edu

Emeritus Faculty

Lisa Hutton, John McGowan

Courses

LBS 203. Introduction to Teaching: Becoming a Transformative Educator. (3 Units)

Students will consider the historical and philosophical foundations of education and state standards that guide effective teaching strategies in this introduction to teaching course. Students will develop the knowledge and dispositions to empower the as reflective, creative and transformative professionals.

Offered Fall, Spring, Summer

LBS 205. Child and Adolescent Development. (3 Units)

Overview of physical, cognitive, social and emotional development from conception through adolescence. Students will explore and reflect on conceptual and theoretical theories and methods as well as best practices for working with children and families in diverse/pluralistic communities.

Offered Fall, Spring, Summer

LBS 212. Service Learning in Urban Elementary Schools. (3 Units)

Introductory course utilizes a service-learning approach to explore culturally and linguistically responsive teaching and learning environments in urban elementary schools. Students will observe, participate and reflect throughout the course with linkages to learning outcomes. Requires 30 hours of service.

Offered Fall, Spring

LBS 300. Early Field Experience. (3 Units)

Prerequisite: California Commission on Teacher Credentialing Certificate of Clearance, current negative TB documentation and scores for all three sections of the CBEST. Provides Liberal Studies majors with planned, structured field experiences in classrooms at the elementary school level (K-6). A minimum of 30 hours of structured, documented observation/participation in public elementary schools (K-6) is required. CR/NC grading.

Offered Infrequent

LBS 301. Schooling in a Multicultural Society. (3 Units)

Prerequisite: LBS 203 is required. Students will explore the themes of social justice education including the complex relationship between education and the multicultural society of the U.S. They will analyze social identities and how discrimination based on these factors translates into school structures, policies and practices.

Offered All terms, Infrequent

LBS 302. Responsive Teaching and Classroom Management. (3 Units)

Prerequisites: LBS 301 and CCTC Certificate of Clearance, Negative TB Documentation and scores from all 3 sections of CBEST are required. Restricted to majors. Corequisite: LBS 303 is recommended. Students observe and think critically about culturally and linguistically responsive teaching and learning environments to develop knowledge of teaching and classroom management strategies and create inclusive, productive and well-structured learning environments. Requires 30 hours of observation in a public school.
Offered All terms, Fall, Spring

LBS 303. Teaching and Learning in Diverse Classrooms. (3 Units)

Prerequisite: LBS 301 Co-requisite: LBS 302 is recommended. Restricted to majors. Examine theory, research and practice on teaching and learning in diverse classrooms. Using knowledge of educational research, child and adolescent development, and data on students and their communities, students analyze, design, and differentiate instruction to engage and support all learners.
Offered Infrequent

LBS 310. Early Language and Literacy. (3 Units)

Concepts and theories of language development and literacy from birth through age five. Topics include language development, play, emergent literacy, and age appropriate literature. Emphasis on urban, diverse and inclusive preschool settings; second language learners and exceptional learners.
Offered Fall, Spring

LBS 330. Bridging Cultures Through Literacy and Learning. (3 Units)

Cultural dimensions of literacy and language acquisition in early years. Strategies for supporting heritage language, teaching comprehensive family literacy, English language development, and valuing culture in home and school. 10 hours of fieldwork in an urban setting with English learners.
Offered Fall, Spring

LBS 340. Early Mathematical Concepts. (3 Units)

Practice, principles and strategies in mathematics ages 0-5. Number sense, classification, measurement and geometry, patterning, mathematical reasoning; tools and manipulatives for teaching mathematics and pre-numeracy; planning, teaching, and evaluating a lesson. 10 hours of fieldwork in an urban preschool setting.
Offered Fall, Spring, Summer

LBS 355. Writing in Education. (3 Units)

Advanced grammar and composition for students preparing to be elementary school teachers. Focuses on professional writing modes and tasks for educators, including analytical educational writing, literature reviews, case studies, classroom observations, and school communications.
Offered Infrequent

LBS 360. Blended Math Methods. (5 Units)

Prerequisite: Admittance to the Integrated Option Program. Designed to develop students' mathematical content knowledge and pedagogical skills necessary for the effective teaching of elementary mathematics in the urban classroom.
Offered Infrequent

LBS 370. Multicultural Studies. (5 Units)

Prerequisite: LBS 203. Integrated Option Only. Students will critically analyze the experiences of diverse students in the U. S. schools by examining the structural and pedagogical implications on students' inter-sectional identities. They will draw on theories about child/adolescent development, learning, and differentiation to design instruction to effectively teach diverse students using the principles of social justice education. A grade of C or better in this course fulfills the GEAR requirement for Liberal Studies majors.
Offered Fall, Spring

LBS 375. The California Experience. (3 Units)

Examination of the California experience through three interrelated social science disciplines: history, geography, and government. Specifically focuses upon academic content which prepares students to teach the broad range of K-8 California Content Standards.
Offered Fall, Spring

LBS 380. Blended Science Methods. (4 Units)

Prerequisite: Admittance to the Integrated Option Program. Students develop content knowledge and pedagogical methods in the natural sciences and technologies with an emphasis on astronomy, geology, meteorology, and oceanography. Inquiry-based teaching, disciplinary skills (including the scientific method), and interdisciplinary knowledge (crosscutting concepts) will be explored and students will reflect on the impact of science and technology on society.
Offered Fall, Spring

LBS 400. Senior Seminar in Liberal Studies. (3 Units)

Prerequisite: LBS 302; must have senior standing. Students will investigate key ideas from the California Curriculum Frameworks and Academic Content Standards. They will demonstrate competence in each of the major multiple subject matter content areas by creating a website portfolio, substantiating their learning each area. Students will also demonstrate an understanding of lesson planning and complete 10 hours of observation and participation in urban school setting.
Offered Fall, Spring

LBS 402. Liberal Studies Integrated Capstone. (2 Units)

Prerequisite: Admittance to Phase 3 of the Credential. Co-requisite: TED 437 is required. This capstone is designed to link theory and practice; students reflect on their learning, connecting subject matter knowledge and teaching. Students substantiate their learning with a philosophy of education paper, website portfolio, and an instructional planning and teaching cycle in an elementary classroom.
Offered Fall, Spring

LBS 405. Engineering and the Arts in the Elementary. (3 Units)

Co-requisite: LBS 400 is recommended. Restricted to majors. Must be a senior. Students will build the theoretical background and practical skills needed to design interdisciplinary, problem-based learning lessons with a focus on engineering and the arts. This will include inquiry teaching, STEAM and the K-8 Standards for Visual and Performing Arts.
Offered Fall, Spring, Summer

LBS 494. Independent Studies in Liberal Studies. (1-3 Units)

Prerequisite: Consent of instructor and Liberal Studies Department Chair. Independent study in a topic related to the Liberal Studies Program.
Offered Infrequent

LBS 495. Special Topics in Liberal Studies. (1-4 Units)

Prerequisite: Consent of instructor and Liberal Studies Department Chair. A course in a topic related to the Liberal Studies Program of special interest to faculty and students for which no current course exists.
Offered As needed

LBS 496. Special Fieldwork in Liberal Studies. (1-3 Units)

Prerequisite: Consent of instructor and Liberal Studies department Chair. Fieldwork experience related to the Liberal Studies Program in settings other than public schools. CR/NC grading. Offered Infrequent

Liberal Studies ITEP Mild/Moderated Disabilities Option, Bachelor of Arts

The program is not currently accepting students.

The ITEP Education Specialist Mild/Moderate Support Needs (MMSN) Option integrates Liberal Studies subject matter with Special Education coursework and methods. The ITEP option leads to a Bachelor of Arts in Liberal Studies, as well as, an Education Specialist Credential in Mild/Moderate Support Needs. Students in this option must also complete a Depth of Study in *Educating Children with Disabilities* and be accepted into the Special Education Credential Program. The B.A. and Credential are a total of 135 units.

Students must complete all courses with a grade of "C" or higher to successfully meet the degree requirements.

Please see a departmental advisor for more details about the ITEP Education Specialist Mild/Moderate Support Needs.

Requirements

The ITEP Education Specialist Mild/Moderate Support Needs (MMSN) Option integrates Liberal Studies subject matter with Special Education coursework and methods. The ITEP option leads to a Bachelor of Arts in Liberal Studies, as well as, an Education Specialist Credential in Mild/Moderate Support Needs. Students in this option must also complete a Depth of Study in *Educating Children with Disabilities* and be accepted into the Special Education Credential Program. The B.A. and Credential are a total of 135 units.

Students must complete all courses with a grade of "C" or higher to successfully meet the degree requirements.

Please see a departmental advisor for more details about the ITEP Education Specialist Mild/Moderate Support Needs.

Core Requirements (66 units)

| Code | Title | Hours |
|---|--|-------|
| Area I - Language and Literature (12 units) | | |
| 1. Select one from the following (3 units): | | |
| ANT 312 | Language And Culture | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching ¹ | |
| or SPA 311 | Structure Of Spanish | |
| 2. Required Courses (9 units) | | |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| TED 407 | Languages in Praxis | 3 |
| Area II - Mathematics and Science (19 units) | | |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| LBS 380 | Blended Science Methods | 4 |

| | | |
|---|---|---|
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| PHY 300 | Physical Science for Teachers | 4 |
| Area III - History and Social Science (14 units) | | |
| ANT 102 | Ancient Civilizations | 3 |
| or HIS 120 | World History I | |
| LBS 205 | Child and Adolescent Development | 3 |
| LBS 370 | Multicultural Studies | 5 |
| LBS 375 | The California Experience | 3 |
| Area IV - Visual and Performing Arts (9 units) | | |
| 1 Select one of the following (3 units) | | |
| ART 100 | Looking At Art | |
| THE 100 | Television Film & Theatre | |
| DAN 130 | Global Dance Perspectives | |
| MUS 101 | Introducing Music | |
| 2. Select one of the following (3 units): ² | | |
| ART 301 | Arts/Crafts For Non-Major | |
| DAN 440 | Dance for Children | |
| KIN 447 | Dan Educ in the Elem School | |
| MUS 340 | Music For Children | |
| MUS 440 | Intro To Orff Schulwerk | |
| THE 337 | Creative Dramatics | |
| THE 339 | Multicultural Children's Theatre | |
| 3. Required Course (3 units) | | |
| LBS 405 | Engineering and the Arts in the Elementary | |
| Area V - Professional Development (11 units) | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 402 | Liberal Studies Integrated Capstone | 2 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |

¹ SPA 311 for Spanish option only

² Student must choose a course in a different discipline than for the lower division visual and performing arts course.

Depth of Study (12 units)

Students are required to complete a Depth of Study in *Educating Children with Disabilities* (*see above*).

ITEP Education Specialist in Mild /Moderate Support Needs (28 units)

| Code | Title | Hours |
|---------|--|-------|
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 456 | Field Experience in General and Special Education | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |

| | | |
|--------------------|--------------------------------|-----------|
| SPE 477 | Student Teaching Mild/Moderate | 7 |
| TED 410 | Elementary Mathematics Methods | 3 |
| Total Hours | | 28 |

Liberal Studies ITEP: Mild/Moderate Support Needs Option Roadmap

4- Year Roadmap

First Year

| Fall | Hours | |
|--|--|-----------|
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |

Spring

| | | |
|---|--|-----------|
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 16 |

Second Year

| Fall | Hours | |
|---|---|-----------|
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing art) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 18 |

Spring

| | | |
|--------------|---|-----------|
| ENG 305 | Critical Reading of Literature | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| PHY 300 | Physical Science for Teachers (with PHY 300L) | 4 |
| Hours | | 17 |

Third Year

| Fall | Hours | |
|-----------------------|--|-----------|
| LBS 370 | Multicultural Studies | 5 |
| ENG 487 or ANT 312 | Introduction to Second-Language Learning and Teaching or Language And Culture | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| Hours | | 20 |

Spring

| | | |
|--|---|-----------|
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| LBS 380 | Blended Science Methods | 4 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 19 |

Fourth Year

| Fall | Hours | |
|--------------|--|-----------|
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 456 | Field Experience in General and Special Education | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| Hours | | 18 |

Spring

| | | |
|--------------------|--|------------|
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 477 | Student Teaching Mild/Moderate | 6 |
| SPE 477S | | 1 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| Hours | | 12 |
| Total Hours | | 135 |

2-Year Roadmap (transfer students)

First Year

| Fall | Hours | |
|-------------------------------------|---|-----------|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Hours | | 21 |

Spring

| | | |
|--|---|-----------|
| LBS 370 | Multicultural Studies | 5 |
| LBS 380 | Blended Science Methods | 4 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| Hours | | 21 |

Summer

| | | |
|--------------|---|-----------|
| SPE 458 | Positive Classroom Environments | 3 |
| PHY 300 | Physical Science for Teachers (with PHY 300L) | 4 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| Hours | | 10 |

Second Year

| Fall | Hours | |
|---------|---|---|
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |

| | | |
|--------------------|--|-----------|
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 456 | Field Experience in General and Special Education | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| Hours | | 18 |
| Spring | | |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| SPE 477 | Student Teaching Mild/Moderate | 6 |
| SPE 477S | | 1 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| Hours | | 12 |
| Total Hours | | 82 |

Liberal Studies, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Options

Minor Requirements

Single field major, no minor required.

Major Requirements (81-92 units)

In addition, the following courses, or their approved transfer equivalents, are required of all candidates for this degree. Students must select one of the options listed.

All courses in this major must be passed with a grade of "C" or higher.

Core Requirements (75 units)

| Code | Title | Hours |
|--|---|----------|
| Area I - Language and Literature | | |
| 1. Select one course from the following: ¹ | | 3 |
| ANT 312 | Language And Culture | |
| ENG 487 | Introduction to Second-Language Learning and Teaching | |
| SPA 311 | Structure Of Spanish | |
| 2. Required Courses | | |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| TED 407 | Languages in Praxis | 3 |

Area II - Mathematics and Science

| | | |
|---------|---|---|
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| PHY 300 | Physical Science for Teachers | 4 |
| EAR 416 | Earth Sciences for Teachers | 3 |

Area III - History and Social Science

| | | |
|---------|----------------------------------|---|
| LBS 205 | Child and Adolescent Development | 3 |
| HIS 120 | World History I | 3 |
| | or ANT 102 Ancient Civilizations | |
| LBS 375 | The California Experience | 3 |
| HIS 354 | History of American Immigration | 3 |

Area IV - Visual and Performing Arts

| | | |
|---|----------------------------------|----------|
| 1. Select one of the following: | | 3 |
| ART 100 | Looking At Art | |
| THE 100 | Television Film & Theatre | |
| DAN 130 | Global Dance Perspectives | |
| MUS 101 | Introducing Music | |
| 2. Select one of the following: ² | | 3 |
| ART 301 | Arts/Crafts For Non-Major | |
| DAN 440 | Dance for Children | |
| KIN 447 | Dan Educ in the Elem School | |
| MUS 340 | Music For Children | |
| MUS 440 | Intro To Orff Schulwerk | |
| THE 337 | Creative Dramatics | |
| THE 339 | Multicultural Children's Theatre | |

3. Required Course

| | | |
|--|---|---|
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| Area V - Professional Development | | |
| LBS 203 | Intersectional and Critical Foundations of Schooling and Teaching | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| LBS 303 | Teaching and Learning in Diverse Classrooms | 3 |
| LBS 370 | Multicultural Studies | 5 |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |

Total Hours **77**

¹ Students in the Spanish Option must take SPA 311 Structure Of Spanish.

² Student must choose a course in a different discipline than for the lower division visual and performing arts course.

Depth of Study (12 -14 units)

Students must select and complete one of the approved options of in-depth areas of study of a relevant subject area. Each option consists of a minimum of 12-14 units.

The courses listed below double count within the Options.

| Code | Title | Hours |
|---------|---|-------|
| ANT 312 | Language And Culture | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| ART 100 | Looking At Art | 3 |
| DAN 440 | Dance for Children | 3 |
| THE 337 | Creative Dramatics | 3 |
| MUS 340 | Music For Children | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| LBS 205 | Child and Adolescent Development | 3 |

Anthropology Option (12 units)

| Code | Title | Hours |
|---|---|-----------|
| Ethnology | | |
| Select one of the following: | | 3 |
| ANT 310 | Culture & Personality: Psychological Anthropology | |
| ANT 312 | Language And Culture | |
| ANT 315 | Magic & Religion | |
| ANT 388 | Anthro Theories Of Behav | |
| ANT 389 | Transmission Of Culture | |
| Ethnography | | |
| Select one of the following: | | 3 |
| ANT 330 | North American Indians | |
| ANT 335 | Comparative Cultures | |
| ANT 341 | Folklore | |
| ANT 370 | Peoples Of The Old World | |
| Ancient Civilizations and Prehistory | | |
| Select one of the following: | | 3 |
| ANT 333 | Ancient Peoples Of Mexico | |
| ANT 350 | Prehistory: Africa & Eurasia | |
| ANT 351 | Prehistory of the Americas | |
| Research Methods | | |
| Select one of the following: | | 3 |
| ANT 313 | Meth & Tech In Arch | |
| ANT 375 | Ethnographic Meth & Tech | |
| Total Hours | | 12 |

Art Option (12 units)

| Code | Title | Hours |
|--------------------------------|----------------|-----------|
| ART 100 | Looking At Art | 3 |
| Select three of the following: | | 9 |
| ART 150 | Ceramics 1 | |
| ART 179 | Drawing 1 | |
| ART 180 | Painting 1 | |
| ART 190 | Sculpture 1 | |
| Total Hours | | 12 |

Dance Option (12 units)

| Code | Title | Hours |
|--------------------|-----------------------------|-----------|
| DAN 210 | Ballet I | 2 |
| DAN 220 | Modern Dance I | 2 |
| DAN 330 | Dance Composition I | 2 |
| DAN 355 | Forces and Figures in Dance | 3 |
| DAN 440 | Dance for Children | 3 |
| Total Hours | | 12 |

Early Teaching and Learning Option (12 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| LBS 310 | Early Language and Literacy | 3 |
| LBS 330 | Bridging Cultures Through Literacy and Learning | 3 |
| LBS 340 | Early Mathematical Concepts | 3 |
| PSY 350 | Child Psychology | 3 |
| or LBS 205 | Child and Adolescent Development | |
| Total Hours | | 12 |

Educating Children with Disabilities Option (12 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Total Hours | | 12 |

English Language and Linguistics Option (12 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| ENG 317 | Black English Language and Culture | 3 |
| ENG 351 | Composition for Elementary School Teachers | 3 |
| ENG 414 | American English | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| Total Hours | | 12 |

English Literature Option (12 units)

| Code | Title | Hours |
|--------------------|-----------------------------------|-----------|
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 306 | Backgrounds of Literature | 3 |
| ENG 325 | Poetry | 3 |
| ENG 341 | American Literature: 1865-Present | 3 |
| Total Hours | | 12 |

General Studies Option (18-23 units)

This option is available by consultation with the Department Chair and by petition only. The student and Department Chair will design a course of study with courses that are closely related to form an in depth area of study.

Human Development Option (12 units)

| Code | Title | Hours |
|------------|--|-------|
| PSY 350 | Child Psychology | 3 |
| SOC 322 | Social Environment of Education | 3 |
| PSY 351 | Psychology of Adolescent Experience | 3 |
| or PSY 382 | Psychological Development of the Black Child | |

| | |
|--|-----------|
| Select one of the following: | 3 |
| SOC 369 Juvenile Delinquency | |
| SOC 321 Sociology Of Education | |
| BIO 380 Biology of Childhood and Adolescence | |
| Total Hours | 12 |

Mathematics Option (13 units)

Note: MAT 171 Survey of Calculus for Management and Life Sciences or any mathematics course used to complete the mathematics major, such as MAT 191 Calculus I or MAT 193 Calculus II, may be substituted for any of the courses listed in the Mathematics Option above.

| Code | Title | Hours |
|--|---|-----------|
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| Select two courses from the following: | | 6 |
| MAT 131 | Elementary Statistics and Probability | |
| MAT 141 | Computers for Mathematics Teaching | |
| MAT 143 | Problem Solving in Mathematics | |
| Total Hours | | 14 |

Natural Science Option (14 units)

| Code | Title | Hours |
|--------------------|--------------------------------------|-----------|
| PHY 300 | | 4 |
| CHE 102 | Chemistry For The Citizen | 3 |
| CHE 103 | Chemistry Lab for the Global Citizen | 1 |
| GEO 315 | The Weather | 3 |
| or EAR 100 | Physical Geology | |
| BIO 336 | Environmental Biology | 3 |
| or BIO 254 | Human Biology | |
| Total Hours | | 14 |

Physical Education Option (12 units)

| Code | Title | Hours |
|--|--|-----------|
| KIN 305 | Motor Learning | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |
| Select two courses from the following: | | 2 |
| KIN 111 | Aerobics | |
| KIN 113 | Social and Folk Dance Activity | |
| KIN 132 | Gymnastics | |
| Select two courses from the following: | | 2 |
| KIN 118 | Basketball | |
| KIN 150 | Soccer/Outdoor | |
| KIN 152 | Softball | |
| KIN 164 | Volleyball | |
| Total Hours | | 12 |

Spanish Option (12 - 24 units)

| Code | Title | Hours |
|--|----------------------|-------|
| Lower Division Prerequisites ¹ | | |
| SPA 110 | Beginning Spanish I | 3 |
| SPA 111 | Beginning Spanish II | 3 |

| | | |
|---|---|-----------|
| SPA 220 | Intermediate Spanish I | 3 |
| SPA 221 | Intermediate Spanish II | 3 |
| Lower Division Required Course | | |
| SPA 280 | Grammar for Spanish Composition ² | 3 |
| Upper Division Required Courses ³ | | |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 341 | Advanced Conversation | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| Total Hours | | 24 |

¹ Students take beginning and intermediate Spanish courses (SPA 110 Beginning Spanish I, SPA 111 Beginning Spanish II, SPA 220 Intermediate Spanish I, and SPA 221 Intermediate Spanish II) as needed - those who have completed two, three, or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, and/or by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² Students must take SPA 280 Grammar for Spanish Composition at CSUDH.

³ Students must take courses at CSUDH.

Special Option (12 units)

A special option, consisting of at least four courses and a minimum of 12 units, in a relevant subject matter area, may be petitioned by the student for consideration.

Theatre Arts Option (12 units)

| Code | Title | Hours |
|--|----------------------------------|-----------|
| Upper Division Required Courses | | |
| THE 337 | Creative Dramatics | 3 |
| THE 339 | Multicultural Children's Theatre | 3 |
| Electives | | |
| Select two courses from the following: | | 6 |
| THE 320 | Speech Skills and Techniques | |
| THE 346 | Theatre Workshop | |
| THE 353 | Playwriting | |
| THE 355 | World Theatre and Drama I | |
| THE 357 | World Theatre & Drama II | |
| Total Hours | | 12 |

Program Learning Outcomes

- Acquire and reflect on knowledge related to the California Commission on Teacher Credentialing content standards for a Multiple Subject Teaching Credential Standards including: Reading, Language, and Literature; Mathematics; Natural Sciences; History and Social Sciences; Visual and Performing Arts; Human Development; and Physical Education
- Develop the ability to critically analyze educational research as it related to educational equity for diverse learners.
- Demonstrate the ability to communicate effectively in oral and written forms in a variety of contexts.

- Participate successfully in elementary field experiences and reflect thoughtfully in order to develop the foundations of critical pedagogy.
- Articulate an understanding of a variety of educational theory and best teaching practices that promote the achievement of a full range of learners.
- Demonstrate professional dispositions that reflect a commitment to promote social justice and educational equity in diverse communities.
- Demonstrate technological and informational literacies for personal academic growth and for facilitating learning in the elementary classroom.

General Studies Option Roadmap

4- Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing art) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Additional lower division GE in Area C | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |

| | | |
|-------------------------------------|---|------------|
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| Advisor Approved Course | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| Option Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies (or advisor approved course) | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis (or advisor approved course) | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Option Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| Advisor Approved Course | | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| Advisor Approved Course | | 3 |
| HIS 354 | History of American Immigration | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |

| | |
|-------------------------|-----------|
| Advisor Approved Course | 3 |
| Hours | 15 |
| Total Hours | 56 |

Anthropology Option Roadmap 4-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E | | 3 |
| Hours | | 15 |
| Spring | | |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| HIS 101 | History Of United States | 3 |
| LBS 205 | Child and Adolescent Development | 3 |
| PHI 120 | Critical Reasoning | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (GE Area C1) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area C1 or C2 | | 3 |
| GE Area F Ethnic Studies | | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual Performing Arts | | 3 |
| ANT 312 | Language And Culture | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | w/ PHY 300 Lab | 4 |
| ANT 333 or ANT 351 | Ancient Peoples Of Mexico or Prehistory of the Americas | 3 |
| Hours | | 15 |

| Course | Title | Hours |
|-----------------------|--|------------|
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| HIS 354 | History of American Immigration | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| ANT 341 or ANT 370 | Folklore or Peoples Of The Old World | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ANT 313 or ANT 375 | Meth & Tech In Arch or Ethnographic Meth & Tech | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ANT 312 | Language And Culture (satisfies GE Area D3) | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature (satisfies GE area C3) | 3 |
| PHY 300 | | |
| ANT 333 or ANT 351 | Ancient Peoples Of Mexico or Prehistory of the Americas | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers (satisfies GE area B5) | 3 |
| ANT 341 or ANT 370 | Folklore or Peoples Of The Old World | 3 |
| HIS 354 | History of American Immigration | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ANT 313 or ANT 375 | Meth & Tech In Arch or Ethnographic Meth & Tech | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

Art Option Roadmap

4-Year Roadmap

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| ENG 110 | Freshman Composition Accelerated | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division Visual Performing Art (VPA)) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| Hours | | 15 |
| Spring | | |
| Additional lower division GE in area C or D | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 2 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300 L | 3 |
| Art Option Course | | 3 |
| Hours | | 11 |

Fourth Year

| | | |
|----------------------------|--|------------|
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| Art Option Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Art Option Course | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 116 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | 3 |
| Art Option Course | | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| HIS 354 | History of American Immigration | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| Art Option Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Art Option Course | | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

Dance Option Roadmap

4-Year Roadmap

| Course | Title | Hours |
|-------------------|----------------------------------|-------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |

| | | |
|--|--|---|
| THE 120 | Fundamentals of Speech | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |

Hours 15

Spring

| | | |
|----------------------------|----------------------------------|---|
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |

Hours 15

Second Year

Fall

| | | |
|---|---|---|
| POL 101 | American Institutions | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing art) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |

Hours 15

Spring

| | | |
|---|---|---|
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| GE Area F Ethnic Studies | | 3 |
| Additional lower division GE in Area C or D | | 3 |
| Elective to meet 120 units | | 2 |

Hours 15

Third Year

Fall

| | | |
|-------------------------------------|---|---|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| DAN 210 | Ballet I | 2 |

Hours 14

Spring

| | | |
|---------|--|---|
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| HIS 354 | History of American Immigration | 3 |
| DAN 220 | Modern Dance I | 2 |

Hours 17

Fourth Year

Fall

| | | |
|---------|--|---|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| DAN 330 | Dance Composition I | 2 |
| DAN 355 | Forces and Figures in Dance | 3 |

Hours 14

Spring

| | | |
|---------|--|---|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| DAN 440 | Dance for Children | 3 |

Hours 15

Total Hours 120

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|-------------------------------------|---|---|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| DAN 210 | Ballet I | 2 |

Hours 14

Spring

| | | |
|---------|--|---|
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| HIS 354 | History of American Immigration | 3 |
| DAN 220 | Modern Dance I | 2 |

Hours 13

Second Year

Fall

| | | |
|---------|--|---|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| DAN 330 | Dance Composition I | 2 |
| DAN 355 | Forces and Figures in Dance | 3 |

Hours 14

Spring

| | | |
|---------|--|---|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| DAN 440 | Dance for Children | 3 |

Hours 15

Total Hours 56

Early Teaching and Learning Option Roadmap

4- Year Roadmap

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|-------------------------------------|--|---|
| ENG 110 | Freshman Composition Accelerated | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |

| | |
|---|-----------|
| GE Area E Lifelong Learning and Self-Development | 3 |
| Hours | 15 |
| Spring | |
| LBS 205 Child and Adolescent Development | 3 |
| BIO 102 General Biology | 3 |
| BIO 103 General Biology Laboratory | 1 |
| PHI 120 Critical Reasoning | 3 |
| HIS 101 History Of United States | 3 |
| Elective to meet 120 units | 2 |
| Hours | 15 |
| Second Year | |
| Fall | |
| POL 101 American Institutions | 3 |
| MAT 107 Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area B1 Physical Science | 3 |
| GE Area C2 Letters Course | 3 |
| ART 100 Looking At Art (lower division visual performing arts) or THE 100 or Television Film & Theatre or DAN 130 or Global Dance Perspectives or MUS 101 or Introducing Music | 3 |
| Hours | 15 |
| Spring | |
| LBS 212 Service Learning in Urban Elementary Schools | 3 |
| MAT 207 Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Addition lower division GE in Area C or D | 3 |
| GE Area F Ethnic Studies | 3 |
| Elective to meet 120 units | 2 |
| Hours | 15 |
| Third Year | |
| Fall | |
| LBS 203 Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 Critical Reading of Literature | 3 |
| LBS 375 The California Experience | 3 |
| ENG 487 Introduction to Second-Language Learning and Teaching or ANT 312 or Language And Culture or SPA 311 or Structure Of Spanish | 3 |
| Upper Division Visual and Performing Art | 3 |
| Hours | 15 |
| Spring | |
| LBS 370 Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 Critical Approaches to Children's Literature | 3 |
| PHY 300 and PHY 300L | 4 |
| LBS 310 Early Language and Literacy | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| LBS 302 Responsive Teaching and Classroom Management | 3 |
| KIN 425 Pe In The Elementary Sch | 3 |
| EAR 416 Earth Science for Teachers | 3 |
| HIS 354 History of American Immigration | 3 |
| LBS 340 Early Mathematical Concepts | 3 |
| Hours | 15 |
| Spring | |
| LBS 400 Senior Seminar in Liberal Studies | 3 |
| LBS 405 Engineering and the Arts in the Elementary | 3 |
| TED 407 Languages in Praxis | 3 |
| SPE 480 Educating Exceptional Children and Youth | 3 |

| | |
|---|------------|
| LBS 330 Bridging Cultures Through Literacy and Learning | 3 |
| Hours | 15 |
| Total Hours | 120 |

2-Year Roadmap (transfer student)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| LBS 310 | Early Language and Literacy | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| LBS 340 | Early Mathematical Concepts | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| LBS 330 | Bridging Cultures Through Literacy and Learning | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

Educating Children with Disabilities Option Roadmap

4-Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |

| | | |
|---|---|------------|
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area B1 Physical Science | | 3 |
| ART 100 | Looking At Art (lower division visual performing art) | 3 |
| or THE 100 | or Television Film & Theatre | |
| or DAN 130 | or Global Dance Perspectives | |
| or MUS 101 | or Introducing Music | |
| Hours | | 15 |
| Spring | | |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Additional lower division GE in Area C or D | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| or ANT 312 | or Language And Culture | |
| or SPA 311 | or Structure Of Spanish | |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | |
| SPE 458 | Positive Classroom Environments | 3 |
| Hours | | 11 |
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| Hours | | 15 |
| Total Hours | | 116 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--------------------|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| or ANT 312 | or Language And Culture | |
| or SPA 311 | or Structure Of Spanish | |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| SPE 458 | Positive Classroom Environments | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| ART 301 | Arts/Crafts For Non-Major (Upper Division Visual Performing Art) | 3 |
| or DAN 440 | or Dance for Children | |
| or KIN 447 | or Dan Educ in the Elem School | |
| or MUS 440 | or Intro To Orff Schulwerk | |
| or THE 337 | or Creative Dramatics | |
| or THE 339 | or Multicultural Children's Theatre | |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

English Language and Linguistics Option Roadmap

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| ANT 102 | Ancient Civilizations | 3 |
| or HIS 120 | or World History I | |
| THE 120 | Fundamentals of Speech | 3 |
| MAT 105 | Finite Mathematics | 3 |
| or MAT 131 | or Elementary Statistics and Probability | |
| or MAT 132 | or Statistics and Probability with Support | |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |

| | | |
|---|--|------------|
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Additional lower division GE in Area C | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | |
| ENG 311 | Phonology | 3 |
| Hours | | 11 |
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| ENG 414 | American English | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ENG 317 | Black English Language and Culture | 3 |
| Hours | | 15 |
| Total Hours | | 116 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | 4 |
| ENG 311 | Phonology | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| ENG 414 | American English | 3 |
| HIS 354 | History of American Immigration | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ENG 317 | Black English Language and Culture | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

English Literature Option Roadmap 4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |

| | | |
|---|--|------------|
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area B1 Physical Science 3 | | |
| GE Area C2 Letters Course 3 | | |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| GE Area E Lifelong Learning and Self-Development 3 | | |
| Additional lower division GE in Area C 3 | | |
| Elective to meet 120 units 2 | | |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Upper Division Visual and Performing Art 3 | | |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | |
| ENG 306 | Backgrounds of Literature | 3 |
| Hours | | 11 |
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| ENG 325 | Poetry | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ENG 341 | American Literature: 1865-Present | 3 |
| Hours | | 15 |
| Total Hours | | 116 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-------------------------------------|---|-------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |

| | | |
|--|--|-----------|
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| ENG 306 | Backgrounds of Literature | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| ENG 325 | Poetry | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| ENG 341 | American Literature: 1865-Present | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

Human Development Option Roadmap 4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units 2 | | |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| GE Area B1 Physical Science 3 | | |
| GE Area C2 Letters Course 3 | | |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 15 |
| Spring | | |
| Additional lower division GE in Area C 3 | | |
| GE Area E Lifelong Learning and Self-Development 3 | | |

| | | |
|----------------------------|--|-----------|
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |

Third Year**Fall**

| | | |
|--|---|-----------|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |

Spring

| | | |
|-------------------------|--|-----------|
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 and PHY 300L | | 3 |
| SOC 322 | Social Environment of Education | 3 |
| Hours | | 11 |

Fourth Year**Fall**

| | | |
|-----------------------|--|-----------|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| PSY 351 or PSY 382 | Psychology of Adolescent Experience or Psychological Development of the Black Child | 3 |
| Hours | | 15 |

Spring

| | | |
|-------------------------------------|--|------------|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SOC 369 or SOC 321 or BIO 380 | Juvenile Delinquency or Sociology Of Education or Biology of Childhood and Adolescence | 3 |
| Hours | | 15 |
| Total Hours | | 116 |

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 and PHY 300L | | 4 |
| SOC 322 | Social Environment of Education | 3 |
| Hours | | 15 |

Second Year**Fall**

| | | |
|-----------------------|--|-----------|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| PSY 351 or PSY 382 | Psychology of Adolescent Experience or Psychological Development of the Black Child | 3 |
| Hours | | 15 |

Spring

| | | |
|-------------------------------------|--|-----------|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SOC 369 or SOC 321 or BIO 380 | Juvenile Delinquency or Sociology Of Education or Biology of Childhood and Adolescence | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

**Mathematics Option Roadmap
4- Year Roadmap**

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area B1 Physical Science | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| Hours | | 15 |
| Spring | | |
| Additional lower division GE in Area C | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 1 |
| Hours | | 14 |

Third Year

Fall

| | | |
|--|---|---|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |

Hours 15

Spring

| | | |
|-------------------------------------|---|---|
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| MAT 131 or MAT 143 or MAT 307 | Elementary Statistics and Probability or Problem Solving in Mathematics or Foundations of Middle School Mathematics I | 3 |

Fourth Year

Fall

| | | |
|-------------------------------------|---|---|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| MAT 131 or MAT 143 or MAT 307 | Elementary Statistics and Probability or Problem Solving in Mathematics or Foundations of Middle School Mathematics I | 3 |

Hours 15

Spring

| | | |
|---------|--|---|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |

Hours 16

Total Hours 120

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |

Hours 15

Spring

| | | |
|-------------------------------------|---|---|
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| MAT 131 or MAT 143 or MAT 307 | Elementary Statistics and Probability or Problem Solving in Mathematics or Foundations of Middle School Mathematics I | 3 |

Hours 15

Second Year

Fall

| | | |
|---------|--|---|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
|---------|--|---|

| | | |
|-------------------------------------|---|---|
| KIN 425 | Pe In The Elementary Sch | 3 |
| HIS 354 | History of American Immigration | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| MAT 131 or MAT 143 or MAT 307 | Elementary Statistics and Probability or Problem Solving in Mathematics or Foundations of Middle School Mathematics I | 3 |

Hours 15

Spring

| | | |
|---------|--|---|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |

Hours 16

Total Hours 61

Natural Science Option Roadmap 4- Year Roadmap

| Course | Title | Hours |
|--|--|-------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |

Hours 15

Spring

| | | |
|----------------------------|----------------------------------|---|
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 1 |

Hours 14

Second Year

Fall

| | | |
|---|--|---|
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |

Hours 15

Spring

| | | |
|--|---|---|
| Additional lower division GE in Area C | | 3 |
| GE Area F Ethnic Studies | | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 2 |

Hours 15

Third Year

Fall

| | | |
|---------|--|---|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
|---------|--|---|

| | | |
|--|--------------------------------------|---|
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| CHE 102 | Chemistry For The Citizen | 3 |
| CHE 103 | Chemistry Lab for the Global Citizen | 1 |
| Upper Division Visual and Performing Art | | 3 |

Hours **16**

| | | |
|---------------|--|---|
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| HIS 354 | History of American Immigration | 3 |

Hours **15**

Fourth Year

Fall

| | | |
|------------|---|---|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| or ANT 312 | or Language And Culture | |
| or SPA 311 | or Structure Of Spanish | |
| BIO 254 | Human Biology | 3 |
| or BIO 336 | or Environmental Biology | |

Hours **15**

Spring

| | | |
|------------|--|---|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| EAR 100 | Physical Geology | 3 |
| or GEO 315 | or The Weather | |

Hours **15**

Total Hours **120**

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| CHE 102 | Chemistry For The Citizen | 3 |
| CHE 103 | Chemistry Lab for the Global Citizen | 1 |

Hours **16**

| | | |
|---------------|--|---|
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | 4 |
| HIS 354 | History of American Immigration | 3 |

Hours **15**

Second Year

Fall

| | | |
|------------|---|---|
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| or ANT 312 | or Language And Culture | |
| or SPA 311 | or Structure Of Spanish | |
| EAR 416 | Earth Science for Teachers | 3 |

| | | |
|------------|--------------------------|---|
| BIO 254 | Human Biology | 3 |
| or BIO 336 | or Environmental Biology | |

Hours **15**

Spring

| | | |
|------------|--|---|
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| EAR 100 | Physical Geology | 3 |
| or GEO 315 | or The Weather | |

Hours **15**

Total Hours **61**

Physical Education Option Roadmap

4- Year Roadmap

| Course | Title | Hours |
|--|--|-------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 | Finite Mathematics | 3 |
| or MAT 131 | or Elementary Statistics and Probability | |
| or MAT 132 | or Statistics and Probability with Support | |
| ANT 102 | Ancient Civilizations | 3 |
| or HIS 120 | or World History I | |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |

Hours **15**

Spring

| | | |
|----------------------------|----------------------------------|---|
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 3 |

Hours **16**

Second Year

Fall

| | | |
|-----------------------------|--|---|
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 | Looking At Art | 3 |
| or THE 100 | or Television Film & Theatre | |
| or DAN 130 | or Global Dance Perspectives | |
| or MUS 101 | or Introducing Music | |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |

Hours **15**

Spring

| | | |
|----------------------------|---|---|
| Additional Arts or Letters | | 3 |
| GE Area F Ethnic Studies | | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 3 |

Hours **16**

Third Year

Fall

| | | |
|--|--|---|
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |

| | | |
|---|---|-----------|
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| KIN 111 or KIN 113 or KIN 132 | Aerobics or Social and Folk Dance Activity or Gymnastics | 1 |
| KIN 118 or KIN 150 or KIN 152 or KIN 164 | Basketball or Soccer/Outdoor or Softball or Volleyball | 1 |
| Hours | | 14 |

Fourth Year

| | | |
|--------------------|--|------------|
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| KIN 305 | Motor Learning | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| KIN 111 or KIN 113 or KIN 132 | Aerobics or Social and Folk Dance Activity or Gymnastics | 1 |
| KIN 118 or KIN 150 or KIN 152 or KIN 164 | Basketball or Soccer/Outdoor or Softball or Volleyball | 1 |
| Elective to meet 120 units | | 2 |
| Hours | | 12 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |

| | | |
|--------------------|--|-----------|
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| KIN 305 | Motor Learning | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| KIN 426 | Directed Teaching in Elementary Physical Education | 2 |
| Hours | | 14 |
| Total Hours | | 56 |

**Spanish Option Roadmap
4- Year Roadmap**

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| Hours | | 15 |
| Spring | | |
| Additional Arts or Letters | | 3 |
| GE Area F Ethnic Studies | | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |

| | | |
|--|---|------------|
| Upper Division Visual and Performing Art | | 3 |
| SPA 280 | Grammar for Spanish Composition | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| SPA 341 | Advanced Conversation | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| SPA 280 | Grammar for Spanish Composition | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| SPA 341 | Advanced Conversation | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

Special Option Roadmap 4-Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| Hours | | 15 |
| Spring | | |
| Additional Arts or Letters | | |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 2 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| Advisor Approved Course | | 3 |
| Hours | | 15 |

| Fourth Year | | |
|-------------------------|--|------------|
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| Advisor Approved Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Advisor Approved Course | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| or ANT 312 | or Language And Culture | |
| or SPA 311 | or Structure Of Spanish | |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | |
| Advisor Approved Course | | 3 |
| Hours | | 11 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| HIS 354 | History of American Immigration | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| Advisor Approved Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Advisor Approved Course | | 3 |
| Hours | | 15 |
| Total Hours | | 56 |

Theatre Arts Option Roadmap

4- Year Roadmap

| Course | Title | Hours |
|-------------------|----------------------------------|-------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |

| | | |
|--|--|-----------|
| MAT 105 | Finite Mathematics | 3 |
| or MAT 131 | or Elementary Statistics and Probability | |
| or MAT 132 | or Statistics and Probability with Support | |
| ANT 102 | Ancient Civilizations | 3 |
| or HIS 120 | or World History I | |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |

| | | |
|-----------------------------|---|-----------|
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| ART 100 | Looking At Art | 3 |
| or THE 100 | or Television Film & Theatre | |
| or DAN 130 | or Global Dance Perspectives | |
| or MUS 101 | or Introducing Music | |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| Hours | | 15 |
| Spring | | |
| Additional Arts or Letters | | |
| GE Area F Ethnic Studies | | 3 |
| LBS 212 | Service Learning in Urban Elementary Schools | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |

| | | |
|---------------------|--|-----------|
| Third Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 487 | Introduction to Second-Language Learning and Teaching | 3 |
| or ANT 312 | or Language And Culture | |
| or SPA 311 | or Structure Of Spanish | |
| Theatre Arts Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | and PHY 300L | 4 |
| THE 320 | Speech Skills and Techniques | 3 |
| Hours | | 15 |

| | | |
|--------------------|--|-----------|
| Fourth Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| HIS 354 | History of American Immigration | 3 |
| THE 337 | Creative Dramatics | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |

| | | |
|--------------------|--|------------|
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| THE 339 | Multicultural Children's Theatre | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-------------------------------------|---|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 or SPA 311 | Introduction to Second-Language Learning and Teaching or Language And Culture or Structure Of Spanish | 3 |
| Theatre Arts Course | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 370 | Multicultural Studies (GWAR satisfying course) | 5 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | | 4 |
| THE 320 | Speech Skills and Techniques | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| HIS 354 | History of American Immigration | 3 |
| EAR 416 | Earth Science for Teachers | 3 |
| THE 337 | Creative Dramatics | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 400 | Senior Seminar in Liberal Studies | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| THE 339 | Multicultural Children's Theatre | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Liberal Studies: Integrated (Multiple Subject) Option, Bachelor of Arts

The program is not currently accepting students.

The Integrated Option integrates Liberal Studies subject matter with Teacher Education methods. The Integrated Option leads to a Bachelor of Arts in Liberal Studies, as well as a Multiple Subject Credential. Students in this option must complete a Depth of Study and be accepted into the Multiple Subject Credential program. The total number of units for the B.A. and the Credential is 135 units.

Students must pass all courses with a grade of "C" or higher in order to successfully meet the degree requirements.

Please see an advisor for more details about the Integrated Option.

The Integrated Option integrates Liberal Studies subject matter with Teacher Education methods. The Integrated Option leads to a Bachelor of

Arts in Liberal Studies, as well as a Multiple Subject Credential. Students in this option must complete a Depth of Study and be accepted into the Multiple Subject Credential program. The total number of units for the B.A. and the Credential is 135 units.

Students must pass all courses with a grade of "C" or higher in order to successfully meet the degree requirements.

Please see an advisor for more details about the Integrated Option.

Requirements

Core Requirements (71 units)

| Code | Title | Hours |
|---|---|-------|
| Language and Literature | | |
| Select one from the following: | | 3 |
| ANT 312 | Language And Culture | |
| ENG 487 | Introduction to Second-Language Learning and Teaching | |
| SPA 311 | Structure Of Spanish | |
| SPA 311 | Structure Of Spanish (Spanish Option only) | |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| TED 407 | Languages in Praxis | 3 |
| Mathematics and Science | | |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| LBS 380 | Blended Science Methods | 4 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| PHY 300 | Physical Science for Teachers | 4 |
| History and Social Science | | |
| LBS 205 | Child and Adolescent Development | 3 |
| HIS 120 | World History I | 3 |
| | or ANT 102 Ancient Civilizations | |
| LBS 375 | The California Experience | 3 |
| LBS 370 | Multicultural Studies | 5 |
| Visual and Performing Arts | | |
| Select one of the following: | | 3 |
| ART 100 | Looking At Art | |
| THE 100 | Television Film & Theatre | |
| DAN 130 | Global Dance Perspectives | |
| MUS 101 | Introducing Music | |
| Select one of the following: ¹ | | 3 |
| ART 301 | Arts/Crafts For Non-Major | |
| DAN 440 | Dance for Children | |
| KIN 447 | Dan Educ in the Elem School | |
| MUS 340 | Music For Children | |
| MUS 440 | Intro To Orff Schulwerk | |
| THE 337 | Creative Dramatics | |
| THE 339 | Multicultural Children's Theatre | |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |

Professional Development

| | | |
|--------------------|---|-----------|
| LBS 203 | Intersectional and Critical Foundations of Schooling and Teaching | 3 |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| LBS 402 | Liberal Studies Integrated Capstone | 2 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Total Hours | | 68 |

¹ Student must choose a course in a different discipline than for the lower division visual and performing arts course.

Depth of Study (12 units)

Students must select and complete one of the approved options of in-depth areas of study of a relevant subject area. Each option consists of a minimum of 12 units. Students are required to meet with a departmental advisor to fulfill this requirement.

Integrated Multiple Subject Option

| Code | Title | Hours |
|--------------------|---|-----------|
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| TED 412 | Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom | 4 |
| TED 433 | Teaching Practices Seminar | 3 |
| TED 437 | Elem Stu Teaching (integrated) (LBS Integrated Option Only) | 9 |
| Total Hours | | 25 |

Integrated Multiple Subjects Option 2-Year Roadmap (transfer students)

| First Year | | |
|--|--|-----------|
| Fall | | Hours |
| LBS 203 | Intersectional and Critical Foundations of Schooling and Teaching | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| ENG 487 or ANT 312 | Introduction to Second-Language Learning and Teaching or Language And Culture | 3 |
| Option Course 1 | | 3 |
| Option Course 2 | | 3 |
| Hours | | 21 |
| Spring | | Hours |
| LBS 370 | Multicultural Studies | 4 |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | Physical Science for Teachers (PHY 300L) | 4 |
| Option Course 3 | | 3 |
| Hours | | 20 |
| Summer | | |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Hours | | 9 |

| Second Year | | |
|--------------------|---|-----------|
| Fall | | |
| LBS 380 | Blended Science Methods | 4 |
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| TED 433 | Teaching Practices Seminar | 3 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |
| Hours | | 16 |
| Spring | | |
| LBS 402 | Liberal Studies Integrated Capstone | 2 |
| TED 412 | Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom | 4 |
| TED 437 | Elem Stu Teaching (integrated) | 9 |
| Hours | | 15 |
| Total Hours | | 81 |

Integrated Early Teaching and Learning Option

4- Year Roadmap

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing art) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 18 |
| Spring | | |
| ENG 305 | Critical Reading of Literature | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |

| | | |
|--|---|------------|
| LBS 375 | The California Experience | 3 |
| PHY 300 | with PHY 300L | 4 |
| Hours | | 17 |
| Third Year | | |
| Fall | | |
| LBS 370 | Multicultural Studies | 5 |
| ENG 487 or ANT 312 | Introduction to Second-Language Learning and Teaching or Language And Culture | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| Hours | | 20 |
| Spring | | |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| LBS 380 | Blended Science Methods | 4 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| Upper Division Visual and Performing Art | | 3 |
| Hours | | 19 |
| Fourth Year | | |
| Fall | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 456 | Field Experience in General and Special Education | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| Hours | | 18 |
| Spring | | |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 477 | Student Teaching Mild/Moderate | 6 |
| SPE 477S | | 1 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| Hours | | 12 |
| Total Hours | | 135 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|-----------------------|--|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| ENG 487 or ANT 312 | Introduction to Second-Language Learning and Teaching or Language And Culture | 3 |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| Hours | | 21 |
| Spring | | |
| LBS 370 | Multicultural Studies | 5 |
| LBS 380 | Blended Science Methods | 4 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |

| | | | |
|--|---|--|-----------|
| Upper Division Visual and Performing Art | | | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | | 3 |
| Hours | | | 21 |
| Summer | | | |
| SPE 458 | Positive Classroom Environments | | 3 |
| PHY 300 | with PHY 300L | | 4 |
| SPE 462 | Language, Literacy and Cognition | | 3 |
| Hours | | | 10 |
| Second Year | | | |
| Fall | | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | | 3 |
| SPE 467 | Assessment in Special Education | | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | | 3 |
| SPE 456 | Field Experience in General and Special Education | | 3 |
| TED 410 | Elementary Mathematics Methods | | 3 |
| Hours | | | 18 |
| Spring | | | |
| SPE 405 | Collaboration with Families and School Personnel | | 3 |
| SPE 477 | Student Teaching Mild/Moderate | | 6 |
| SPE 477S | | | 1 |
| SPE 488 | CalTPA for Educational Specialists | | 2 |
| Hours | | | 12 |
| Total Hours | | | 82 |

4- Year Roadmap

| Course | Title | Hours |
|---|--|--------------|
| First Year | | |
| Fall | | |
| ENG 110 | Freshman Composition Accelerated | 3 |
| MAT 105 or MAT 131 or MAT 132 | Finite Mathematics or Elementary Statistics and Probability or Statistics and Probability with Support | 3-4 |
| ANT 102 or HIS 120 | Ancient Civilizations or World History I | 3 |
| THE 120 | Fundamentals of Speech | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15-16 |
| Spring | | |
| LBS 205 | Child and Adolescent Development | 3 |
| BIO 102 | General Biology | 3 |
| BIO 103 | General Biology Laboratory | 1 |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| ART 100 or THE 100 or DAN 130 or MUS 101 | Looking At Art (lower division visual performing arts) or Television Film & Theatre or Global Dance Perspectives or Introducing Music | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Science | | 3 |
| GE Area C2 Letters Course | | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |

| Spring | | |
|--|---|-----------|
| GE Area F Ethnic Studies | | 3 |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| Upper Division Visual and Performing Art | | 3 |
| SPA 280 | Grammar for Spanish Composition | 3 |
| Hours | | 19 |

| Third Year | | |
|--------------|---|-----------|
| Fall | | |
| LBS 370 | Multicultural Studies | 5 |
| ENG 305 | Critical Reading of Literature | 3 |
| PHY 300 | with PHY 300L | 4 |
| SPA 341 | Advanced Conversation | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| Hours | | 18 |

| Spring | | |
|--------------|--|-----------|
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |
| KIN 425 | Pe In The Elementary Sch | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| Hours | | 15 |

| Summer | | |
|--------------|--|----------|
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| Hours | | 6 |

| Fourth Year | | |
|--------------|---|-----------|
| Fall | | |
| LBS 380 | Blended Science Methods | 4 |
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| TED 433 | Teaching Practices Seminar | 3 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |
| Hours | | 16 |

| Spring | | |
|--------------------|---|----------------|
| LBS 402 | Liberal Studies Integrated Capstone | 2 |
| TED 412 | Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom | 4 |
| TED 437 | Elem Stu Teaching (integrated) | 9 |
| Hours | | 15 |
| Total Hours | | 135-136 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| LBS 203 | Introduction to Teaching: Becoming a Transformative Educator | 3 |
| LBS 375 | The California Experience | 3 |
| ENG 305 | Critical Reading of Literature | 3 |
| Upper Division Visual and Performing Art | | 3 |
| SPA 280 | Grammar for Spanish Composition | 3 |
| SPA 341 | Advanced Conversation | 3 |
| Hours | | 18 |
| Spring | | |
| LBS 370 | Multicultural Studies | 5 |
| LBS 302 | Responsive Teaching and Classroom Management | 3 |

| | | |
|---------|--|---|
| KIN 425 | Pe In The Elementary Sch | 3 |
| ENG 308 | Critical Approaches to Children's Literature | 3 |
| PHY 300 | with PHY 300L | 4 |
| SPA 311 | Structure Of Spanish | 3 |

| Hours | | |
|--------------|---|-----------|
| Hours | | 21 |
| Summer | | |
| LBS 405 | Engineering and the Arts in the Elementary | 3 |
| TED 407 | Languages in Praxis | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| Hours | | 9 |

| Second Year | | |
|--------------|---|-----------|
| Fall | | |
| LBS 380 | Blended Science Methods | 4 |
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| TED 433 | Teaching Practices Seminar | 3 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |
| Hours | | 16 |

| Spring | | |
|--------------------|---|-----------|
| LBS 402 | Liberal Studies Integrated Capstone | 2 |
| TED 412 | Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom | 4 |
| TED 437 | Elem Stu Teaching (integrated) | 9 |
| Hours | | 15 |
| Total Hours | | 79 |

Library

In addition to individual one-on-one research consultation services in the use of library resources, the University Library offers a 3 credit course, LIB 151 Fundamentals of Information Literacy, taught by our library faculty. Furthermore, library faculty teach information literacy sessions by request. These sessions may be designed to meet the research requirements of a particular course or information literacy outcomes.

Faculty

Carolyn Caffrey, Amalia Castañeda, Margaret Clarke, Hallie Clawson, Aric Haas, Hannah Lee, Wei Ma, Yoko Okunishi, Dana Ospina, Thomas Philo, Samantha Warriner

Department Office: Library South 5034, (310) 243-3700

Emeriti Faculty

E. Kenneth Bennett, Betty J. Blackman, Jeffrey Broude, Elizabeth Dales, Joanna E. Dunklee, Gail F. Hunt, James F. Hunt, Naomi Moy, Sandra Parham

Courses

LIB 150. Library Skills and Strategies. (2 Units)

Designed to acquaint students with the use of academic libraries. Practical exercises will develop skills for effectively utilizing library resources to fulfill research needs. One hour of lecture and two hours of activity per week. Offered As needed

LIB 151. Fundamentals of Information Literacy. (3 Units)

Explores how we seek, use, acknowledge, and transform information. Critically examines our behaviors and the information systems embedded in society. Focuses on psychological, sociological, and physiological relationships to information. Topics: information privilege, publishing, privacy, research practices, etc.
Offered Fall, Spring

LIB 494. Independent Studies. (1-3 Units)

Prerequisites: Consent of the instructor. Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.
Offered As needed

LIB 495. Special Topics in Library Research. (1 Unit)

Prerequisite: Consent of instructor. In-depth study of information retrieval in a particular format or discipline, e.g. government documents, on-line databases, business resources. One hour of lecture per week.
Offered As needed

Marital and Family Therapy

College of Health, Human Services, and Nursing
Department of Marital and Family Therapy

Program Description

The Department of Marital and Family Therapy (MFT) prepares students in systemic theory, research, and relational practice to critically and ethically engage concerns of intersectionality, equity, and social justice to improve systems of oppression and promote wellness among individuals, couples, and families of diverse and underserved communities. It offers a three-year, 64-unit MFT degree program structured to provide curriculum and clinical training that meets MFT licensure requirements, according to California Business and Professions Code (BPC) §4980.36. In addition, the Board of Behavioral Sciences (BBS) evaluated this as a qualifying Master of Science (M.S.) required to pursue a marriage and family therapist license in California. The curriculum aligns with the educational and clinical standards outlined by the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE).

This degree program consists of comprehensive educational experiences in the study of theories and techniques of marriage and family therapy (MFT), along with 300 client contact hours of supervised clinical practice that applies to the 3,000 supervised hours of experience required to be eligible for the MFT licensure. The Department permits enrollment in courses solely to students admitted to the M.S. in Marital and Family Therapy program.

Features

The Master of Science in Marital and Family Therapy at CSU Dominguez Hills is one of few publicly supported programs in Southern California offering an evening course of study to accommodate those who work during the day. The cohort-model allows students to attend full-time and complete the program requirements in 3 years. Options for a part-time plan of study is available with advisement.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into this program does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set

by the California Board of Behavioral Science that is not controlled by or affiliated with the CSUDH. Requirements for licensure may change from time to time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements.

Academic Advisement

Students currently enrolled in the program receive advising from the faculty advisors. The MFT core faculty maintains current academic and clinical information on licensure guidelines and standards published by the Board of Behavioral Sciences (BBS), California Association of Marriage and Family Therapists (CAMFT), Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE), and the Southern California Consortium of MFT programs.

Preparation (Prerequisite Courses)

The following prerequisite courses - Introduction to Research Methods, Theories of Personality, and Abnormal Psychology, or other course equivalents - are required to qualify for admission to the Marital and Family Therapy program. Status of admission is contingent upon the successful completion of all the necessary prerequisite coursework or equivalent course(s). Prerequisite courses must be completed within the last five years.

Admissions Requirements

1. Completion of a bachelor's degree from an accredited college or university
2. A grade point average of 3.0 (B) or better in the most recent 60-semester units of upper division course work undertaken as a student
3. Completion of the Graduate Record Examination General Aptitude (GRE) Test. An average GPA of 3.5 OR attainment of a previous master's degree waives this requirement
4. Applicants are required to apply to the University via Cal State Apply
5. Personal Statement
6. Writing Sample
7. Three letters of recommendation.
8. Interview with the admission committee

Classified Standing and Conditionally Classified Status

Students must meet all **Preparation** requirements for the M.S. in the Marital and Family Therapy Department for consideration for admission with Classified Standing. See the **Admission Requirements** section for complete requirements for admission to the Marital and Family Therapy program.

Consideration for admission into the program with Conditionally Classified Standing may be available for students who are insufficient in any admission requirement. Acceptance with Conditionally Classified Standing permits students to enroll in the University to correct the deficiencies while allowing students to take up to nine-semester units of graduate course work towards their degree if granted. Please note that admission to Conditionally Classified Standing does not guarantee

that a student will achieve Classified Standing required to complete the program.

Requirements for Advancement to Candidacy

Candidacy status requires the successful completion of all Required Courses before the last semester of study. Upon review of students' course completion, the program will authorize students who achieve Candidacy status to enroll in and take the Comprehensive Examination. Candidacy status and eligibility to enroll in the Comprehensive Exam require a successful review of all graduate work by the department administrative coordinator. Consult the section in the catalog entitled **Graduate Degrees** (<https://catalog.csudh.edu/general-information/graduate-degree-> (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)) in **General Information** for complete requirements for Advancement to Candidacy.

MFT Coursework Open Only to those Admitted into the MFT Program

MFT courses are only accessible to students formally admitted into the MFT Program. The MFT Department evaluates and designs its coursework and curriculum to provide a strong foundation for individuals who are interested in a career in marital and family therapy, to satisfy the requirements for licensure as stipulated by the California Board of Behavioral Science (BPC §4980.36), and to meet accreditation standards, which results in comprehensive MFT training. As a result, students not admitted to the program are unable to use these courses as elective courses.

Required Course Sequence

As part of the admission to the MFT Program, all students agree to adhere to the program's planned class sequence. The program organizes the curriculum to ensure that fundamental courses address foundational knowledge, and subsequent coursework is dependent on the prerequisite semester's experience. See Course Sequence. Failure to take classes in sequence may delay admission into Practica and or graduation. Under exceptional circumstances, students who are permitted to attend the program part-time understand that graduation will differ from the program's proposed plan of study.

Cohort Program

The CSUDH MFT program is a cohort program. The cohort model organizes students into peer learning communities to develop shared knowledge, gain better understanding in clinical skills, and progress professionally through the MFT program collectively. This model allows students to learn from a planned sequence of coursework as well as advances their professional and personal growth and development effectively.

B or Better Policy

The MFT department requires students to maintain a level of competence determined as "B or Better" in all courses, in addition to cumulative GPA requirements. The "B or Better" policy requires that students achieve an "A," "A-," "B+," or "B" in a class to receive credit and is a program requirement to advance to subsequent courses. If a student gets any grade less than a B (which includes B-, C+, C, or lower), the student will

be required to retake the course. Failure to meet this standard may cause a delay in admission into practica, and could delay the student's graduation. Each class can only be retaken one time; failure to pass a course on a second attempt will result in dismissal from the MFT program.

Assistance to Students with Disabilities

The MFT department provides accommodations for students with disabilities recognized by the Student disAbility Resource Center. The department encourages students who require additional support beyond their identified accommodations to access the University's resources, such as the Writing Center and University Library Resources.

Professional Conduct

Courses in the MFT Program can include controversial topics and perspectives that require in-depth, experiential, and reflective discussions and exercises. The nature of the program requires that students share personal beliefs and reveal aspects central to their cultural, ethnic, religious, or ability-status backgrounds. The program expects the students to maintain an environment of respect for professors and fellow students at all times. Students who are disruptive or disrespectful to the sensitive nature in a course may have their participation points deducted, given a lower grade, or even removed from the class.

Academic Dishonesty

The department does not permit academic dishonesty. Cheating, plagiarism, and other forms of unethical behavior will result in a student either being penalized by the professor, receiving a failing grade in the course, or dismissal from the MFT program.

Computer Literacy, APA Format, and Competence in Writing

Each course and syllabus in the MFT Program include requirements for computer literacy specific to graduate-level standards. The program expects that all students' papers to adhere to standards set by the American Psychological Association (APA). Furthermore, the program expects all students to submit current, comprehensive, and accurate documents, forms, or other materials required by the MFT Department. Failure to complete the materials needed may cause a delay in students' graduation.

Career Possibilities

The MFT program's primary function is to meet the educational requirements set by the California Board of Behavioral Sciences (BPC §4980.36) to become a Registered Associate Marriage and Family Therapist. Associate Marriage and Family Therapists can gain employment in the public and private sector, including private practice. Career possibilities include and are not limited to the following: Hospitals with a mental health division, counseling centers at schools, department of mental health, community counseling centers, non-profit counseling centers, dual diagnosis treatment centers, chemical abuse treatment centers, shelters for domestic violence, youth centers, and faith-based counseling centers.

Graduate Programs

- Marital and Family Therapy, Master of Science (p. 683)

Faculty

Karen Quek, PhD., LMFT., LPCC., MFT Department Chair

MFT Office: James L. Welch Hall (WH) A-300 Phone: (310) 243-2032

MFT Email: mftdept@csudh.edu

Courses

MFT 400. Foundations to Marital Family Therapy. (3 Units)

Course examines the theoretical underpinnings and fundamental concepts to marriage and family therapy. Focus will address a breadth of foundational information in Marital and Family Therapy in the following areas: Research methods, theories, and psychopathology.

Offered Summer

MFT 495. Special Topics in MFT. (1-4 Units)

A course designed of special interest topics. Topic of content will vary as announced. Repeatable course

Offered As needed

MFT 496. Internship: Practicum Training Management. (0 Units)

Practicum Training Management 0-unit course allows students to prepare, collect, manage and store essential MFT experience/information required for clinical training and proficiencies. Students will use the program's management system to document their academic knowledge and clinical skill in practical activities.

Offered Fall, Spring, Summer

MFT 515. Pre-Practicum I: Therapy Skills. (2 Units)

Prerequisites: Admission to MFT program. Co-requisite: MFT 566, MFT 570, MFT 576 Instructional seminar and demonstration of supervised basic clinical skills, clinical interviewing, assessment, and clinical intervention in the classroom. Emphasis is placed on the therapeutic alliance, the self-of-the-therapist, and collaboration.

Offered Fall

MFT 520. Group Therapy. (3 Units)

Prerequisites: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisites: MFT 575, MFT 578, MFT 580. Course provides students with practical instruction and seminar in theory, therapy process and the use of empirically supported practice in group therapy. Attention is paid to group and contextual factors including age, ability, gender, sexual orientation, culture, and economic status.

Offered Fall

MFT 525. Pre-Practicum II Advanced Therapy Skills. (2 Units)

Prerequisites: MFT 515, MFT 570, MFT 566, MFT 576. Co-requisites: MFT 572, MFT 584, MFT 586. Instructional seminar and demonstration of supervised advanced therapy skills in the classroom and in mental health settings with individuals, couples and families. Include assessments, diagnosis, treatment planning, case management, safety planning, clinical documentation, and assessment of legal and ethical issues.

Offered Spring

MFT 530. Community Mental Health. (3 Units)

Prerequisites: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisites: MFT 560, MFT 565, MFT 582. Instruction, seminar and activity in community mental health and case management skills. Emphasis includes competencies in mental health recovery-oriented care and resiliency in community mental health from both traditional and non-traditional MFT practices applying case management and systems of care.

Offered Spring

MFT 541. Practicum in MFT Fieldwork IV. (2 Units)

Prerequisites: MFT 500, MFT 520, MFT 521, MFT 530, MFT 531, MFT 570, MFT 572, MFT 584. Fourth practicum required for program, concurrent with field placement and training experience. 8 hours per week required. CR/NC grading.

Offered As needed

MFT 560. Life Span, Family Development, and Aging. (3 Units)

Prerequisite: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisites: MFT 530, MFT 565, MFT 582. Instruction in family development and human sexuality across the lifespan; includes contextual factors (age, ability, gender, sexual orientation, culture, race/ethnicity, gender, class, socioeconomics). Addresses elder and dependent adults including biopsychosocial impacts of aging, long-term care, and treatment of abuse/neglect.

Offered Fall

MFT 565. Assessment & Mental Health Treatment. (3 Units)

Prerequisites: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisites: MFT 530, MFT 560, MFT 582. A survey and supervised practice in empirically supported assessment to treat primary mental health conditions and common presenting problems in individuals, couples, and families. Includes six-hours hours on suicide prevention, evidence-based suicide risk assessments, treatments, and interventions.

Offered Spring

MFT 566. Mental Health, Diagnosis, and Systemic Treatment. (3 Units)

Required Prerequisite: Admission to MFT program. Required Co-requisites: MFT 515, MFT 570, MFT 576. Studies and analysis of human mental health as it affects the individual, couple, and family functioning. Development, identification, assessment, diagnosis, treatment planning, and techniques of common any and serious mental illness will be explored.

Offered Fall, Spring

MFT 570. Theories and Techniques of Marital and Family Therapy I. (3 Units)

Required Prerequisite: Admission to MFT program. Required Co-requisite: MFT 515, MFT 566, MFT 576. Major Marital and Family theories, research and practice used in the treatment of individual, couples and families from a systemic and biopsychosocial perspective.

Offered Fall

MFT 572. Theories and Techniques of Marital Family Therapy II. (3 Units)

Required Prerequisites: MFT 515, MFT 566, MFT 570, MFT 576. Required Co-requisites: MFT 525, MFT 584, MFT 586. A continuation of the major MFT theories, this course includes postmodern and evidence-based practices and techniques in marriage and family counseling applied to treatment of individual, couples and family.

Offered Spring

MFT 574. Human Sexual Behavior. (3 Units)

Advanced study of the psychological, physiological, and sociological aspects of human sexual behavior, with attention to the origin and treatment of sexual dysfunction in its environmental context. Examinations and/or papers used in evaluation.

Offered As needed

MFT 575. Relational Therapy: Treatment of Couples and Partners. (3 Units)

Prerequisites: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisites: MFT 520, MFT 580, MFT 578. Instruction in treatment and assessment strategies necessary to treat couple/partner problem or sexual issues in conjoint therapy. Addresses issues related to age, ability, gender, sexual orientation, culture, race/ethnicity, socioeconomics, and spousal or partner dynamics associated with abuse assessments and interventions. Offered Fall

MFT 576. Human Communication, Theory, and Skill. (2 Units)

Prerequisites: Admission to MFT program. Co-requisites: MFT 515, MFT 566, MFT 570. Instruction in the purposes, theory, and skills of communication applied to intrapersonal and interpersonal experience. The course addresses personal awareness, self-of-the-therapist, bias, and stereotyping to promote equity and diversity in clinical treatment. Offered As needed

MFT 578. Treatment Approaches with Children and Adolescents. (3 Units)

Prerequisites: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisites: MFT 520, MFT 575, MFT 580. Treatment focuses on diagnostic and treatment needs of children and adolescents from a systemic perspective to include familial and sociocultural considerations. Emphasis is placed on empirically supported and evidence-based treatment modalities. Includes seven-clock hours on child abuse assessment and reporting. Offered Fall

MFT 580. Sociocultural Diversity & Marginalized Communities. (3 Units)

Prerequisite: MFT 525, MFT 572, MFT 584, MFT 586. Co-requisite: MFT 520, MFT 575, MFT 578. Diversity factors (age, ability, gender, sexual orientation, culture, race/ethnicity, religion, spirituality, socioeconomics,) affecting human behavior in family and the larger community situated in complex societies. Additional emphasis is placed on clinical competency with diverse, marginalized and under-served populations in California. Offered Fall

MFT 582. Psychopharmacology and Mental Health Treatment. (3 Units)

Prerequisite: MFT 520, MFT 575, MFT 578, MFT 580. Co-requisite: MFT 530, MFT 560, MFT 565. The impact of psychotropic medications on the behavioral and emotional states of individuals and on their relationships is addressed. Emphasis is placed on the development of vocabulary, basic knowledge of medications, how to assess effects and consultation/collaboration with prescribing physicians. Offered Spring

MFT 583. Research Methods in Marital Family Therapy. (3 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisites: MFT 585, MFT 588, MFT 589. Emphasis will focus developing competencies in critical analysis and evaluation of published research, examining evidence-based research to improve practice, and conducting independent research. Generating hypothesis, research design, data collection, interpretation and utilization of findings in clinical practice will be summarized. Offered Spring

MFT 584. Law, Ethics, and Professional Practices. (3 Units)

Prerequisites: MFT 515, MFT 566, MFT 570, MFT 576. Co-requisites: MFT 525, MFT 572, MFT 586. Current legal and ethical professional issues in marital and family therapy. Examination and application of BBS and AAMFT ethics and legal responsibilities. Offered Fall

MFT 585. Treatment of Substance Use, Addiction, and Dependence. (3 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisites: MFT 583, MFT 588, MFT 589. Studies of the theories of substance use as they effect and relate to the family system. Explore advanced interviewing techniques, assessment procedures, recovery and relapse prevention, and implementation of evidence-based treatment modalities in family therapy. Offered Fall

MFT 586. Current Issues in Marital Family Therapy. (3 Units)

Prerequisites: MFT 515, MFT 566, MFT 570, MFT 576. Co-requisites: MFT 525, MFT 572, MFT 584. Current and emerging issues in the field of MFT relevant to advancements in practice and influences on family, local and larger global community. Emphasis in contextual factors such as an economic status, culture, gender, race, ethnicity, sexual orientation, and ability. Offered Spring

MFT 588. Treatment of Trauma with Individuals, Couples, and Families. (3 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisite: MFT 583, MFT 585, MFT 589. Treatment of trauma with individuals, couples, and family. Beginning and advanced techniques in assessment, diagnosis, treatment, and crisis intervention of child and elder abuse, domestic violence, rape, disaster, crime, and other trauma will be explored. Offered Fall

MFT 589. Advanced Therapeutic Approaches and Application. (2 Units)

Prerequisites: MFT 530, MFT 560, MFT 565, MFT 582. Co-requisites: MFT 583, MFT 585, MFT 588. An inclusive survey of major theoretical approaches, integrative psychotherapies, evidenced-based practice, research, legal and ethical issues applied to individuals, couples and families. Case conceptualization, diagnosis, assessment, treatment planning and interventions are demonstrated utilizing vignettes, role play, and video demonstration. Offered Spring

MFT 590. Career Development, Theory, and Practice. (3 Units)

Emphasis will focus on career development throughout life, to include theory, techniques and counseling practice. The interrelationship among social relationships, diversity including gender, culture, ethnicity, social class, sexual orientation, ability, and other factors, workplace, and career development will be examined. Offered As needed

MFT 594. Independent Study. (3 Units)

Prerequisites: Consent of the instructor and Program Coordinator. Student must have completed at least twelve semester units. In consultation with a faculty member, the student will investigate in detail current research and scholarship in some area relevant to the field of Marital Family Therapy, or will complete a project involving original and creative research. Content of research will be specific to the program and licensure as an MFT. Offered As needed

MFT 595. Special Topics in MFT. (1-3 Units)

A course designed of special interest topics. Topic of content will vary as announced. Repeatable course. Offered As needed

MFT 596. Practicum: Marital Family Therapy Traineeship. (3 Units)

A multi-semester course that includes fieldwork training, on-site supervision and classroom participation. Traineeship occurs over a minimum of 12 months totaling a minimum of six semester units required for graduation.
Offered Fall, Spring, Summer

MFT 597. Directed Reading MFT Comp Prep. (3 Units)

In consultation with the faculty member, completion of readings to prepare for the comprehensive exam. The course is limited to students who have completed one year of courses. CR/NC grading. Course is repeatable for a total of 6 units.
Offered As needed

MFT 599. Comprehensive Examination. (1 Units)

Prerequisite: All Required Courses must be completed excluding Practicum: MFT Traineeship. Registration in MFT 599, Comprehensive Examination is limited to students who have advanced to candidacy and completed all degree coursework requirements with a grade of a B or better and a cumulative GPA of at least 3.0. Registration in the course is required to complete the comprehensive examination. The examination evaluates content that includes theories, assessment, diagnosis, treatment, crisis intervention, and law and ethics and requires evidence of application of theory, practice, and research.
Offered Spring

MFT 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered As needed

Marital and Family Therapy, Master of Science

Requirements

Graduation Requirements

In addition to the major requirements, students must meet all university requirements for the master's degree, including, but not limited to, prerequisites, required coursework, practica, culminating experience, etc. Students should also consult the section of the catalog entitled "Requirements for the Master's Degree" for additional information.

The Master of Science in Marital and Family Therapy requires completion of 64 units of course work with a minimum 3.0 grade point average. The unit-load sequence is as follows:

| Code | Title | Hours |
|-------------------------|--|------------------|
| Prerequisites | | |
| | | 3-9 units |
| PSY 235 | Intro To Research Methods | 3 |
| PSY 360 | Theories Of Personality | 3 |
| PSY 363 | Abnormal Psychology | 3 |
| Required Courses | | |
| | | 50 units |
| MFT 520 | Group Therapy | 3 |
| MFT 530 | Community Mental Health | 3 |
| MFT 560 | Life Span, Family Development, and Aging | 3 |
| MFT 565 | Assessment in Mental Health Treatment | 3 |

| | | |
|------------------------------|---|-------------------|
| MFT 566 | Mental Health, Diagnosis, and Systemic Treatment | 3 |
| MFT 570 | Theories and Techniques of Marital and Family Therapy I | 3 |
| MFT 572 | Theories and Techniques of Marital and Family Therapy II | 3 |
| MFT 575 | Relational Therapy and Human Sexuality | 3 |
| MFT 578 | Treatment Approaches with Children and Adolescents | 3 |
| MFT 580 | Sociocultural Diversity & Marginalized Communities | 3 |
| MFT 582 | Psychopharmacology and Mental Health Treatment | 3 |
| MFT 583 | Research Methods in Marital Family Therapy | 3 |
| MFT 584 | Law, Ethics, and Professional Practices | 3 |
| MFT 585 | Treatment of Substance Use, Addiction, and Dependence | 3 |
| MFT 586 | Current Issues in Marital Family Therapy | 3 |
| MFT 588 | Treatment of Trauma with Individuals, Couples, and Families | 3 |
| MFT 589 | Advanced Therapeutic Approaches and Application | 2 |
| Practica | | 13 units |
| MFT 515 | Pre-Practicum I: Therapy Skills | 2 |
| MFT 525 | Pre-Practicum II Advanced Therapy Skills | 2 |
| MFT 596 | Practicum: Marital Family Therapy Traineeship ¹ | 9 |
| Electives | | 0-11 units |
| MFT 400 | Foundations to Marital Family Therapy | 3 |
| MFT 576 | Human Communication, Theory, and Skill | 2 |
| MFT 590 | Career Development, Theory, and Practice | 3 |
| Capstone ² | | 1 unit |
| MFT 599 | Comprehensive Examination | 1 |
| Total Units | | 64 units |

¹ Students must take MFT 596 Practicum: Marital Family Therapy Traineeship for three consecutive semesters for a minimum of 9 units to complete a total of 300 client contact hours and 100 MFT clinical course instructor lead hours.

² In addition to the major requirements, students must meet all university requirements for the master's degree, including, but not limited to prerequisites, English and writing examinations, etc. Students should consult the section of the catalog entitled "Requirements for the Master's Degree."

Program Learning Outcomes

- PLO(PG) 1: Knowledge/Research - Apply foundational and relational knowledge from a wide range of family and systemic theories and treatment techniques that are informed by research. (SLO1; SLO 5)
- PLO(PG) 2: Diversity- Demonstrate awareness of intersectional identities and contextual influences within diverse communities, social systems, and marginalized groups in clinical practice. (SLO2; SLO3)

- PLO(PG) 3: Ethics- Apply legal, ethical, and professional standards required for clinical, systemic, and relational practice. (SLO4)
- PLO(PG) 4: Practice- Demonstrate competence in systems/relational practice according to MFT professional standards, as reflected in implementing, articulating, and writing up on clinical cases. (SLO1; SLO2; SLO3; SLO 4; SLO 5)

Student Learning Outcomes

SLO 1: Knowledge/Research - Students demonstrate working knowledge of traditional, contemporary and evidenced-based MFT theories to clinical case conceptualization and treatment planning that are informed by research.

SLO 2: Diversity- Students demonstrate how intersectional identities influence family functioning.

SLO 3: Diversity- Students self-reflect on the implications of own and others' social location in clinical practice.

SLO 4: Ethics- Students apply ethical standards, consistent with the current California MFT statutes and regulations, and the American Association of Marriage and Family Therapy Code of Ethics, in diverse clinical contexts.

SLO 5: Practice- Students implement appropriate and accurate clinical competencies and skills (e.g. biopsychosocial assessment, diagnosis, treatment planning and implementation) from a systemic/relational perspective.

Mathematics

College of Natural and Behavioral Sciences
Department of Mathematics

Program Description

Mathematics is about number operations and algebra, motion and change (calculus and differential equations), logical analysis, scientific visualization, structure and geometry, the prediction of random events (probability), the extraction of useful information from large sets of data (statistics), the discovery of the best ways to do things (optimization). It is abstract and theoretical, and intensely down-to-earth and practical, all at the same time.

The mathematics major and minor prepare students for exciting and rewarding work in industry, for careers in teaching, and for advanced post-baccalaureate study. Our calculus, differential equations, analysis, and probability and statistics courses enable science students to analyze data and predict outcomes in static and dynamic situations.

Our foundations, discrete math, and algebra courses give students the tools they need for rigorous logical and structural analysis and a deep conceptual understanding of quantitative situations. Our mathematics education courses prepare students to be outstanding teacher leaders with a deep knowledge of mathematics and the best practices in teaching. Our general education courses give the general student the mathematical background she or he needs to function in life as an educated and informed citizen in an increasingly quantitative and data-driven world.

The Mathematics Department makes every effort to offer its courses at times that are convenient for students.

For additional information, please visit our website <http://math.csudh.edu/> (<http://math.csudh.edu/>).

Academic Advising

Students are welcome to see a math advisor at any time when faculty are available. All full-time math faculty serve as advisors. Please call the Math department office (310) 243-3378 or drop by NSM A-124 during regular business hours to schedule an appointment with an advisor. The math department requires majors to meet with an advisor at least once each semester.

Preparation

High School students should complete Algebra II, a year of geometry and trigonometry. A mathematics course should be taken in the senior year. Transfer students should complete three semesters of calculus and one additional course if possible.

Graduation With Honors

An undergraduate student may graduate with Honors in Mathematics provided that the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Opportunities

A degree in mathematics is a key that opens the door to a world of opportunity. Students who major in mathematics are able to pursue a diverse range of careers. They are sought out by profit and non-profit institutions for their ability to use reasoning and logic and for their ability to solve problems. Many are interested in passing their learning on to future generations through teaching. Others seek advanced degrees in mathematics or other sciences and pursue cutting-edge research. Some will pursue degrees in business or economics, where the ability to work with numbers can be a great advantage. Those with mathematical training have gone on to careers as business executives at major software companies, as analysts for stock trading companies, as actuaries and risk management experts for insurance companies and the healthcare industry, as scientists and data analysts in engineering and biotech firms, as software designers and programmers, and a whole host of other careers.

Undergraduate Programs

Bachelor

- Mathematics, Bachelor of Science (p. 690)

Minor

- Mathematics, Minor (p. 693)

Graduate Programs

Subject Matter Authorization

- Introductory Mathematics, Subject Matter Authorization (p. 690)

Faculty

Matthew Jones, Department Chair
Jessalyn Bolkema, Alex Chen, Sharon Lanaghan, Ha Nguyen, Wai Yan Pong, Serban

Raianu, Cynthia Sanchez-Tapia, Kristen Stagg, Alexander Stanoyevitch, Yi Wang, Carolyn Yarnall

Department Office: NSM A-115, (310) 243-3378
 Website: math.csudh.edu (<http://math.csudh.edu/>) (<http://math.csudh.edu/>) (<http://math.csudh.edu/>)

Center for Science and Mathematics Education NSM A-115, (310) 243-2203

Emeritus Faculty

Jacqueline Barab, Frederic Brulois, Chi-lung Chang, William Gould, Garry Hart, Jackson Henry, Susan Huniu, George Jennings, Eunice Krinsky, Frank Miles, John Wilkins

Courses

MAT 100. Calculus Success Academy. (2 Units)

Preparation for MAT 103, MAT 153, and MAT 191. Students will strengthen their problem solving and algebra skills while working collaboratively on math problems arising from various STEM disciplines. For students majoring in Biochemistry, Chemistry, Computer Science, Mathematics and Physics.
 Offered All terms, Spring, Summer

MAT 102. Foundations of Statistics. (3 Units)

Preparation for MAT 105 or MAT 132. Fundamental mathematical and statistical reasoning, including linear functions, measures of center and spread, representative of data, interpreting graphs, counting methods. Not intended for science and math majors that require MAT 153 or higher.
 Offered All terms, Fall, Spring, Summer

MAT 103. Introduction to College Algebra. (4 Units)

Preparation for MAT 151 College Algebra. Graphic, numeric, analytic and applied perspectives on algebraic concepts of linear and nonlinear functions, linear programming, exponents, radicals, exponential functions and transformation of functions. Intended for science and math majors.
 Offered All terms, Fall, Spring, Summer

MAT 105. Finite Mathematics. (3 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Mathematics of finance, combinatorics, probability, statistical measures of central tendency and dispersion, problem solving and mathematical reasoning, and additional topical selected by instructor e.g. linear programming, statistics, graph theory, game theory. A-C/NC grading. Satisfies the General Education Quantitative Reasoning Requirement.
 Offered Fall, Spring

MAT 107. Mathematics for Elementary School Teachers: Real Numbers. (3 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Sets and set theoretic operations as related to counting numbers and rational numbers and arithmetic operations. Real number system and its origins, development, structure and use. Special emphasis on problem solving, and the development and application of algorithms. Does not satisfy General Education Quantitative Reasoning Requirement.
 Offered Fall, Spring, All terms

MAT 111. Discovering Mathematics. (3 Units)

Problem solving and applications of mathematics to personal and civic life involving chance and descriptive statistics and selected additional topics. Includes use of spreadsheets and other technologies. Not intended for majors that require statistics or calculus.
 Offered Fall, Spring

MAT 131. Elementary Statistics and Probability. (3 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 151, MAT 153, or MAT 191. A practical course in probability and statistics including such topics as the binomial and normal distributions, confidence intervals, t, F, and chi-square tests, linear regression and correlation, and conditional probability. Satisfies the General Education Quantitative Reasoning Requirement.
 Offered Fall, Spring

MAT 132. Statistics and Probability with Support. (4 Units)

Recommended prerequisite: MAT 102 or GE Math Ready with Support (Level III) Includes the binomial and normal distributions, confidence intervals, linear regression and correlation, and conditional probability. Satisfies General Education Quantitative Reasoning Requirement.
 Offered Fall, Spring

MAT 134. Statistics & Probability - Supported. (4 Units)

MAT 134 is an introduction to statistics, including the binomial and normal distributions, confidence intervals, linear regressions and correlation, hypothesis testing, and conditional probability. Satisfies General Education Quantitative Reasoning. Not for students with credit for MAT 131 or MAT 132. Recommended for students designated "GE Ready with Support (Level III)."
 Offered Fall, Spring

MAT 141. Computers for Mathematics Teaching. (3 Units)

Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Introduction to computers for teachers of mathematics. Topics include flowcharting, programming in LOGO on microcomputers. Applications of computers to problem solving, statistics, and other areas of mathematics relevant to teachers of mathematics. Applications packages, CAI and social issues are studied. A-C/NC grading. Does not satisfy General Education Quantitative Reasoning Requirement.
 Offered Infrequent

MAT 143. Problem Solving in Mathematics. (3 Units)

Prerequisite: be Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Objective is to increase students abilities to use knowledge and experience when encountering new and unexpected situations. Develop higher level thinking skills, learn to formulate, analyze, and model problems. Choosing relevant information, making conjectures, devising plans and testing solutions. A-C/NC grading. Does not satisfy General Education Quantitative Reasoning Requirement.
 Offered Fall, Spring

MAT 151. College Algebra and Trigonometry. (4 Units)

Prerequisites: MAT 103 is required. Graphic, numeric, analytic and applied perspectives on topics including linear, quadratic, exponential, logarithmic and trigonometric functions, exponents and radicals, linear and nonlinear systems of equations and inequalities. Preparation for MAT 191: Calculus I. 3 units of discussion; 1 unit lab.
 Offered All terms, Fall, Spring

MAT 153. Pre-Calculus with Trigonometry with Lab. (4 Units)

Prerequisites: Math Placement Category Level 2 or completed GE Quantitative Reasoning. Topics include functions and their graphs; linear, quadratic, rational, exponential, and logarithmic functions; composition, transformation and arithmetic of functions; inverse function; inequalities; right-triangle trigonometry and circular motion; applications to contextual problems. This course is supported with Supplemental Instruction.

Preparation for MAT 191: Calculus.

Offered Fall, Spring

MAT 155. Pre-Calculus. (4 Units)

Prerequisite(s): Designation of "GE Ready (Level II)" or with permission of department. Topics include functions and their graphs; linear, quadratic, rational, exponential, and logarithmic functions; composition, transformation, and arithmetic of functions; inverse function; inequalities; right-triangle trigonometry and circular motion; applications to contextual problems. Preparation for MAT 191 Calculus.

Offered Fall, Spring

MAT 171. Survey of Calculus for Management and Life Sciences. (4 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Not available for credit to students who have credit in MAT 191 or its equivalent or courses which have MAT 191 as a prerequisite.

Functions, linear equations, the derivative and its applications, the integral and its applications, and partial derivatives. Satisfies the General Education Quantitative Reasoning Requirement.

Offered Fall, Spring

MAT 191. Calculus I. (5 Units)

Prerequisite: MAT 151 or MAT 153 or equivalent with a grade of C or better. Limits, continuity, derivatives, differentiation formulas, applications of derivatives, introduction to integration, fundamental theorem of calculus, application of integration. Satisfies the General Education Quantitative Reasoning Requirement.

Offered Fall, Spring

MAT 193. Calculus II. (5 Units)

Prerequisite: MAT 191 or equivalent with a grade of C or better. Differentiation and integration of transcendental function. Techniques and applications of integration. Polar coordinates. Infinite sequences and series, power series, convergence. Satisfies the General Education Quantitative Reasoning Requirement.

Offered Fall, Spring

MAT 195. Selected Topics in Mathematics. (1-5 Units)

A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.

Offered As needed, All terms

MAT 207. Mathematics for Elementary School Teachers: Geometry & Statistics. (4 Units)

Prerequisite: Quantitative Reasoning Placement Level 2 or completion of any of MAT 105, MAT 131, MAT 132, MAT 134, MAT 151, MAT 153, or MAT 191. Primarily for prospective elementary school teachers.

Geometry from an intuitive problem solving standpoint. Constructions, symmetry, translations, rotations, patterns, area, volume, and the metric system. Topics from graph theory and topology. Two hours of lecture and two hours of activity per week. Does not satisfy General Education Quantitative Reasoning Requirement.

Offered Fall, Spring

MAT 211. Calculus III. (5 Units)

Prerequisite: MAT 193 or equivalent with a grade of C or better.

Multivariable calculus: analytic geometry, scalar and vector products, partial differentiation, multiple integration, change of coordinates, gradient, optimization, line integrals, Green's theorem, elements of vector calculus.

Offered Fall, Spring

MAT 213. Calculus IV. (4 Units)

Prerequisite: MAT 211 or equivalent with a grade of C or better. Topics covered include vector calculus, line and surface integrals, and the theorems of Green, Gauss, and Stokes.

Offered Infrequent

MAT 241. Programming and Technology for Teaching Secondary School Mathematics. (3 Units)

Prerequisite: MAT 193 or equivalent with a grade of C or better.

Introduction to application software appropriate for the teaching of secondary school mathematics. The programs include spreadsheet, geometric modeling, and statistics modeling. Writing simple programs for graphing calculators to demonstrate and solve mathematical problems.

Offered Fall

MAT 247. Elements of Linear Algebra. (3 Units)

Matrix algebra emphasizing small (2x2 and 3x3) matrices and vectors over the real numbers, solutions of systems of equations, determinants, inner product spaces, and linear transformations, with applications to other subjects, e.g. physical and computer science, economics, and operations research.

Offered Fall, Spring

MAT 271. Foundations Of Higher Math. (3 Units)

Prerequisite: MAT 193 with grade of C or better. Topics include logic, methods of mathematical proof, set theory, relations and functions. Introduction to complex numbers and proof strategies using ideas of vector algebra. Meant to prepare students for mathematics program as well as concepts of computer science.

Offered Fall, Spring

MAT 281. Discrete Mathematics. (3 Units)

Prerequisite: a) MAT 151 or MAT 153 and b) CSC 115 or CSC 121 or MAT 241 or equivalent with grade of C or better. Matrix algebra, graph theory, trees, combinatorics, Boolean algebra; with applications to computers and computer programming.

Offered Fall, Spring

MAT 295. Selected Topics In Mathematics. (1-4 Units)

Prerequisites: MAT 193 and consent of instructor. A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.

Offered As needed

MAT 297. Independent Study. (1-4 Units)

Prerequisites: MAT 193, consent of instructor and consent of department chair. A reading program of selected topics not covered by regularly offered courses conducted under the supervision of a faculty member.

Offered As needed

MAT 307. Foundations of Middle School Mathematics I. (3 Units)

Foundations of Mathematics related to the middle school curriculum. Course 1 includes the following topics: Reasoning with numbers, basic number proofs, understanding exponents, proportional reasoning, rates, linear functions, method of finite differences, and the theory and application of these topics.

Offered Infrequent, All terms

MAT 308. Foundations of Middle School Mathematics II. (3 Units)

Foundations of Mathematics related to the middle school curriculum. Course 2 includes the following topics: basic Euclidean facts, algebra-geometry connections, volume and surface area formulas, similarity, congruence, and scale factors, and the theory and application underlying these topics.
Offered Infrequent

MAT 309. Foundations of Middle School Mathematics III. (3 Units)

Foundations of Mathematics related to the middle school curriculum. Course 3 includes the following topics: concept of functions, inverse functions, properties of rational, trigonometric and exponential functions and fundamental concepts in Calculus.
Offered All terms, Infrequent

MAT 311. Differential Equations. (3 Units)

Prerequisite: MAT 211 and MAT 271 with a grades of C or better. Topics covered include first and second order linear equations including existence and uniqueness theorems, series solutions; nonlinear equations; systems of linear equations. Other topics may include the Laplace transform, qualitative theory.
Offered Fall

MAT 315. Introduction to Survival Analysis. (3 Units)

Prerequisites: CSC 115 or MAT 241; MAT 193, MAT 131 or MAT 132 are required. Co-requisites: MAT 323 and MAT 327 are recommended. Survival analysis is about the analysis of time-to-event data. This course will help you understand the fundamental concepts of survival analysis. Topics include, but are not limited to, time-to-event data, Log-rank test and Cox proportional hazards regression.
Offered Fall

MAT 321. Probability and Statistics. (3 Units)

Prerequisite: MAT 193 and MAT 271 or equivalent with grade C or better. A calculus based survey of topics in probability and statistics emphasizing applications.
Offered Fall, Spring

MAT 323. Statistical Inference. (3 Units)

Point and interval estimation, hypothesis testing, simple linear regression, re-sampling. Method of moments, maximum likelihood, bias and variance, mean-squared error, sufficiency, likelihood ratio tests, p-value, power calculation, analysis of variance, Neymann-Pearson lemma, uniformly most powerful tests.
Offered Fall

MAT 327. Introduction to Machine Learning with Software. (3 Units)

Required Prerequisites: MAT 281. Recommended Prerequisite: MAT 131
Machine learning uses methods and concepts to sift through data to create automated prediction and decision programs. This course will develop the underlying mathematical concepts and proficiency with R or similar software to understand, build, and apply machine learning.
Offered Spring

MAT 331. Linear Algebra. (3 Units)

Prerequisite: MAT 247 and MAT 271 or equivalent with a grade of C or better. Linear equations, vector spaces, matrices, linear transformations, determinants, eigenvalues, eigenvectors, etc.
Offered Fall, Spring

MAT 333. Abstract Algebra. (3 Units)

Prerequisite: MAT 271 or equivalent with a grade of C or better. The theory of groups, rings, ideals, integral domains, fields and related results.
Offered Fall

MAT 337. Mathematical Logic. (3 Units)

Prerequisite: MAT 191 or equivalent with a grade of C or better. Topics covered include propositional calculus, classical and intuitionistic; completeness and consistency theorems; first order predicate calculus with equality; axiomatic arithmetic; Godel's incompleteness theorem.
Offered Infrequent

MAT 347. Modern Geometry. (3 Units)

Prerequisite: MAT 271 or equivalent with a grade of C or better. Topics in synthetic and analytic geometry; transformations, similarity, congruence, distance, angles, constructions; introduction to projective and/or non-Euclidean geometry.
Offered Spring

MAT 351. Probability Theory. (3 Units)

Prerequisite: MAT 193 or equivalent with a grade of C or better. Probability as a mathematical system, set theory, conditional probability and independent events, random variables, distribution and density functions, covariance and correlation, limit theorems, convolutions, computer generation of random numbers.
Offered Infrequent

MAT 353. Stochastic Processes. (3 Units)

Prerequisite: MAT 351 or equivalent with a grade of C or better. A selection from among several topics, including Markov chains; Markov processes; queuing, branching, Poisson, and Gaussian processes; stationary processes.
Offered Infrequent

MAT 361. Finite Automata. (3 Units)

Prerequisite: MAT 281 or equivalent with a grade of C or better. Study of the abstract formalization of digital computers. Applications to computation theory and formal linguistics.
Offered Infrequent

MAT 367. Numerical Analysis I. (3 Units)

Prerequisites: Experience in BASIC, FORTRAN or Pascal and MAT 211 or equivalent with a grade of C or better. Approximation of roots of functions, interpolation formulas, numerical solutions of systems of equations, numerical differentiation and integration, numerical solutions to ordinary differential equations.
Offered Infrequent

MAT 369. Numerical Analysis II. (3 Units)

Prerequisite: MAT 367 or equivalent with a grade of C or better. A continuation of MAT 367, including approximation of eigenvalues and eigenvectors, approximation by splines, numerical solutions of parabolic, elliptic, and hyperbolic partial differential equations.
Offered Infrequent

MAT 395. Selected Topics in Math. (1-4 Units)

Prerequisites: MAT 211 and consent of instructor. A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.
Offered As needed

MAT 396. Practicum in Mathematics. (3 Units)

Prerequisites: Consent on Department Chair or Instructor is required. Supervised work experience, emphasizing hands-on training and application of practical and/or technical skills in mathematics, in a suitable setting. Students will submit a comprehensive report or portfolio. CR/NC grading. Repeatable course.
Offered Fall, Spring

MAT 398S. Directed Research. (1-3 Units)

Offered Infrequent

MAT 401. Advanced Analysis I. (3 Units)

Prerequisites: MAT 211 and MAT 271, or equivalent with a grade of C or better. Elements of set theory, numerical sequences and series, continuity and differentiability of functions of one and several variables.

Offered Fall

MAT 403. Advanced Analysis II. (3 Units)

Prerequisite: MAT 401 or equivalent with a grade of C or better.

Integration of functions of one and several variables, sequences and series of functions, uniform convergence, power series, differentiation of functions of several variables.

Offered Spring

MAT 411. Mathematical Modeling. (3 Units)

Prerequisite: MAT 211, MAT 241, and MAT 271 or CSC 121 or CSC 111. Flexible course content depending on interest of instructor and students. Possible topics are: epidemic and predator-prey models from differential equations; linear programming models; Arrow's theorem; and probability models.

Offered Spring

MAT 413. An Introduction to Partial Differential Equations. (3 Units)

Prerequisites: MAT 311 with a grade of C or better is required; MAT 213 is recommended. Solutions to partial differential equations by separation of variables and Fourier series. Applications to heat flow and diffusion, wave motion, and potentials. Some discussion of existence and uniqueness of solutions.

Offered Infrequent

MAT 417. Math Methods for Data Science. (3 Units)

Prerequisites: MAT 211 and MAT 247 are required; CSC 115 or MAT 241 are recommended. Methods include optimization (stochastic gradient descent, alternating direction method of multipliers (ADMM), L1 minimization) with applications to Linear Regression, K-means and Expectation-Maximization (EM) algorithm; matrix decomposition (singular value decomposition (SVD), principal component analysis (PCA) and nonnegative matrix decomposition) with applications to recommendation system, image processing and computer vision.

Offered Fall

MAT 421. Complex Analysis. (3 Units)

Prerequisites: MAT 211 and MAT 271 with a grade of C or better. MAT 331 and MAT 401 (may be taken concurrently) are recommended. Complex numbers; point sets, sequences and mappings; analytic functions; elementary functions; integration; power series; the calculus of residues; and applications.

Offered Spring

MAT 443. History Of Mathematics. (3 Units)

Prerequisite: MAT 193 with a grade of C or better. Traces the growth and development of mathematics from primitive origins to present, uses methods and concepts of mathematics to present the topics.

Offered Spring

MAT 447. Number Theory. (3 Units)

Prerequisite: MAT 271 with a grade of C or better. Divisibility, congruencies, prime number theory, Diophantine Equations, and other topics from elementary number theory.

Offered Spring

MAT 448. Cryptography. (3 Units)

Prerequisites: MAT 271 with a grade of C or better is required. CSC 115 or CSC 121 with a grade of C or better is recommended. Congruencies and number theory, history and early cryptosystems, cryptographic data structures, public key cryptography, additional cryptosystems such as DES, AES, and elliptic curve cryptography. Computer implementations will also be covered, as well any needed additional mathematical topics (e.g. finite fields.)

Offered Fall

MAT 451. Mathematical Statistics. (3 Units)

Prerequisite: MAT 351 or equivalent with a grade of C or better. Sums of independent random variables; functions of random variables; chi-square, F, and t distributions; estimation of parameters; maximum-likelihood, unbiased, consistent, minimum-variance, and minimum-mean-square error estimators; confidence intervals; central limit theorem.

Offered Infrequent

MAT 460. Graph Theory and Algorithms. (3 Units)

Prerequisites: MAT 211, MAT 271, and MAT 241, or CSC 121, or CSC 115 or equivalent with a grade of C or better are required. MAT 281 with a grade of C or better is recommended. Graphs, digraphs, multigraphs, graph modeling, degrees and degree sequences, subgraphs, isomorphisms of graphs, and digraphs, distance concepts and applications, trees, and tree algorithms, Hamiltonian and Eulerian graphs. The viewpoints will be conceptual, theoretical and algorithmic.

Offered Fall

MAT 489. Fundamental Mathematics and Teaching in Secondary Schools. (4 Units)

Prerequisite: 9 units of 300/400-level mathematics with a grade of C or better; In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Synthesis and analysis of secondary mathematics and its teaching.

Emphasis will be placed on algebraic thinking and its teaching in high school. Forty hours of secondary classroom observations will be a required activity in this course. A Certificate of Clearance is required.

Offered Spring

MAT 490. Seminar in Mathematics Education. (3 Units)

Prerequisite: 9 units of 300/400 mathematics courses with a grade of C or better. The synthesis and analysis of the secondary mathematics curriculum from an advanced standpoint. Emphasis will be on the integration of problem solving, investigations, reasoning, and communication as recommended in state and national standards.

Offered Fall

MAT 495. Selected Topics In Math. (1-4 Units)

Prerequisites: Consent of instructor and MAT 271. A course in a topic of special interest to both faculty and students for which no current course exists. Topic will be announced in schedule of classes. Repeatable for credit. One to four hours of lecture per week.

Offered As needed

MAT 497. Independent Study. (1-4 Units)

Prerequisites: MAT 211, consent of instructor and consent of department chair. A reading program of selected topics not covered by regularly offered courses conducted under the supervision of a faculty member.

Offered As needed

MAT 500. Mathematics Education Research Design and Statistics. (3 Units)

Prerequisites: Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Includes topics such as normal distribution, confidence intervals, t, F, chi-squared tests, linear regression, and correlation. These topics are presented in the context of mathematics education research in typical classrooms.

Offered As needed

MAT 501. Foundations of Geometric Thinking. (3 Units)

Prerequisites: MAT 543 or concurrent enrollment. Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Research on Various topics in geometry. Focus on developing notions of rigorous proof and grade-appropriate explanations. Topics are chosen from the Geometry areas and standards emphasized in K-12.

Offered As needed

MAT 505. Foundations of Mathematical Structures. (3 Units)

Prerequisites: MAT 543 or concurrent enrollment. Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Topics include the algebraic properties of sets and operations applied to classical number systems, equivalence, modular arithmetic, Diophantine equations, decomposition of natural numbers, special families of natural numbers, current research on understanding and learning these topics.

Offered As needed

MAT 506. Foundations of Rational Numbers. (3 Units)

Prerequisites: MAT 543 or concurrent enrollment. Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Covers theory and applications of Rational numbers. Focus on number systems, representation of numbers, equivalence classes, rationality and irrationality, properties of the rational numbers system, central ideas of proportional reasoning, and developing intuitive models of standard rules and algorithms.

Offered As needed

MAT 515. Topics in Advanced Finite Math. (3 Units)

Prerequisites: Possession of a baccalaureate degree and one year of full-time secondary mathematics teaching. Topics from areas of Modern Mathematics which relate to the high school mathematics curriculum such as: algorithms, graph theory, coding theory, game theory, finite probability theory, difference equations, voting, recursion.

Offered As needed

MAT 517. Fractals for Teachers. (3 Units)

Prerequisites: Possession of a baccalaureate degree and one year of full-time secondary mathematics teaching. Topics from Fractal and Chaos Theory including: the Cantor Set, Koch Curve, Julia Sets, space filling curves. Brownian motion and Chaotic behavior. Selections to relate to the high school mathematics curriculum.

Offered Infrequent

MAT 521. Geometry For Teachers. (3 Units)

Prerequisites: MAT 543, graduate standing and one year of full time secondary mathematics teaching. Topics from Geometry including: points and lines in a triangle, properties of circles, collinearity, concurrence, transformations, arithmetic and geometric means, isoperimetric theorems, reflection principle.

Offered As needed

MAT 522. Foundations of Algebraic Thinking. (3 Units)

Prerequisites: Students must have graduate standing and must have completed one year of full time secondary mathematics teaching. Patterns, functions, and multiple representations; independent and dependent variables; discrete and continuous functions; linear and nonlinear relationships in context; connections to arithmetic operations; algebraic expressions and equations. Examines current research on the understanding and learning of these topics.

Offered As needed

MAT 523. Theory of Function. (3 Units)

Prerequisites: MAT 543, graduate standing and one year of full time secondary mathematics teaching. Topics from Function Theory including: mathematical models, linear functions, non-linear functions, transformations, limits, continuity, functions of several variables.

Offered As needed

MAT 525. Algebraic Structures for Teachers. (3 Units)

Prerequisites: MAT 543, graduate standing and one year of full time secondary mathematics teaching. Topics relating to the high school Algebra curriculum from an advanced standpoint including algorithms, fields, polynomials, groups, fields, and rings.

Offered As needed

MAT 543. Advanced Problem Solving. (3 Units)

Problem solving using non-routine strategies. Problems to be representative of several branches of mathematics and mathematically based disciplines.

Offered As needed

MAT 545. History of Math Education. (3 Units)

Prerequisites: Graduate standing and one year of full time secondary teaching. Traces the development of the mathematics curriculum K-12 in the United States and internationally, concentrating both on content taught at different stages and the teaching methods employed. Reviews the various mathematics reform efforts over the past 170 years.

Offered As needed

MAT 555. Research in Mathematics Education. (3 Units)

Prerequisites: GED 500 and consent of program. Integrates previous work and experience by emphasizing the application of theoretical models and research designs to the field of mathematics education. Special emphasis will be given to analyzing, organizing, and evaluating findings, and communicating the results.

Offered Infrequent

MAT 557. Research in Math Education I. (3 Units)

Prerequisites: MAT 500 and 15 units of program. Overview of the current research literature pertaining to mathematics education in elementary and secondary schools. Topics such as mathematical reasoning, communication, problem solving, algebra, and geometry will be discussed and analyzed.

Offered As needed

MAT 559. Research in Math Education II. (3 Units)

Prerequisite: MAT 557. Overview of the current research literature pertaining to mathematics education in elementary and secondary schools. Topics such as mathematical reasoning, communication, problem solving, algebra, and geometry will be discussed and analyzed.

Offered As needed

MAT 590. Graduate Seminar in Mathematics Education. (1-4 Units)

Prerequisites: Possession of a baccalaureate degree and one year of full-time secondary mathematics teaching. Presentation and discussion of selected topics in Mathematics Education. Repeatable course.

Offered Infrequent

MAT 594S. Independent Study. (1-4 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a faculty member, the student will investigate in detail current scholarship in some area. Repeatable course.

Offered As needed

MAT 595. Selected Topics. (1-4 Units)

Â An intensive study of selected issues in mathematics education.

Repeatable course.

Offered As needed

MAT 597S. Directed Reading. (1-4 Units)

Prerequisites: Consent of instructor and department chair. Extensive reading in selected areas under the guidance of faculty mentor.

Repeatable course.

Offered Infrequent

MAT 598S. Directed Research. (1-4 Units)

Prerequisite: Classified graduate standing. Students will design and conduct research projects under the direct supervision of the instructor. Repeatable course.

Offered As needed

MAT 599. Masters Project. (6 Units)

Prerequisite: Advancement to Candidacy. Completion of classroom based project under the guidance of faculty advisor. The culminating learning experience of the program which emphasizes the application of the mathematics education curriculum in the classroom.

Offered As needed

MAT 600. Graduate Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Infrequent

Introductory Mathematics, Subject Matter Authorization

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an Introductory Mathematics Subject Matter Authorization that allows the holder to teach the subject matter content typically included in curriculum guidelines and textbooks approved for study in grades 9 and below. This allows an employer to assign a teacher with an introductory mathematics authorization to teach a class in which the curriculum is for grades 9 and below but the students in the class may be in grades K-12.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the School of Education Student Services Center.

1. A minimum of 32 units is required but must include at least one course in the content areas of algebra, advanced algebra, geometry, probability or statistics, and development of the real number system or introduction to mathematics.
2. The following is an extensive list of courses, and their specific content area, that can be used to satisfy the 32-unit requirement. A Mathematics Department advisor can assist you in preparing your 32-unit coursework plan.

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an

Introductory Mathematics Subject Matter Authorization that allows the holder to teach the subject matter content typically included in curriculum guidelines and textbooks approved for study in grades 9 and below. This allows an employer to assign a teacher with an introductory mathematics authorization to teach a class in which the curriculum is for grades 9 and below but the students in the class may be in grades K-12.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the School of Education Student Services Center.

1. A minimum of 32 units is required but must include at least one course in the content areas of algebra, advanced algebra, geometry, probability or statistics, and development of the real number system or introduction to mathematics.
2. The following is an extensive list of courses, and their specific content area, that can be used to satisfy the 32-unit requirement. A Mathematics Department advisor can assist you in preparing your 32-unit coursework plan.

Requirements

| Code | Title | Hours |
|---|--|-----------|
| Algebra | | |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| MAT 307 | Foundations of Middle School Mathematics I | 3 |
| Advanced Algebra | | |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 309 | Foundations of Middle School Mathematics III (infrequently offered) | 3 |
| Geometry | | |
| MAT 207 | Mathematics for Elementary School Teachers: Geometry & Statistics | 4 |
| MAT 308 | Foundations of Middle School Mathematics II (infrequently offered) | 3 |
| Probability and Statistics | | |
| MAT 131 | Elementary Statistics and Probability | 3 |
| Development of the Real Number System or Introduction to Mathematics | | |
| MAT 105 | Finite Mathematics (infrequently offered) | 3 |
| MAT 107 | Mathematics for Elementary School Teachers: Real Numbers | 3 |
| MAT 143 | Problem Solving in Mathematics | 3 |
| MAT 241 | Programming and Technology for Teaching Secondary School Mathematics | 3 |
| Total Hours | | 42 |

Can be used toward earning the required 32 units once each specific content area has been met.

Mathematics, Bachelor of Science Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor is required.

Major Requirements (60-66 units)

Students must select one of the options listed below. The following courses, or their approved transfer equivalents, are required of all candidates for this degree. All courses used to satisfy this major must be passed with a grade of "C" or better.

Core Requirements (38 units)

| Code | Title | Hours |
|--|----------------------------|-----------|
| Lower Division Required Courses | | |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| MAT 247 | Elements of Linear Algebra | 3 |
| MAT 271 | Foundations Of Higher Math | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| PHY 130 | General Physics I | 5 |
| Upper Division Required Courses | | |
| MAT 331 | Linear Algebra | 3 |
| MAT 333 | Abstract Algebra | 3 |
| MAT 401 | Advanced Analysis I | 3 |
| Total Hours | | 38 |

Mathematics Option - (22 units)

| Code | Title | Hours |
|--|--|----------|
| Lower Division Required Courses | | |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| Upper Division Required Courses | | |
| MAT 321 | Probability and Statistics | 3 |
| MAT 403 | Advanced Analysis II | 3 |
| MAT 421 | Complex Analysis | 3 |
| Electives | | |
| A. Select one of the following | | 3 |
| MAT 447 | Number Theory | |
| MAT 448 | Cryptography | |
| B. Select two of the following: | | 6 |
| MAT 311 | Differential Equations | |
| MAT 323 | Statistical Inference | |
| MAT 327 | Introduction to Machine Learning with Software | |
| MAT 411 | Mathematical Modeling | |

| | | |
|--------------------|-----------------------------|-----------|
| MAT 460 | Graph Theory and Algorithms | |
| Total Hours | | 22 |

Mathematics Education Option - (28 units)

This option will satisfy the subject matter preparation necessary for a secondary teaching credential in mathematics. Students do not get Subject Matter Preparation on their diploma; the diploma says Mathematics Education option.

| Code | Title | Hours |
|--|--|-----------|
| Lower Division Required Courses | | |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 143 | Problem Solving in Mathematics | 3 |
| MAT 241 | Programming and Technology for Teaching Secondary School Mathematics | 3 |
| Upper Division Required Courses | | |
| MAT 347 | Modern Geometry | 3 |
| MAT 443 | History Of Mathematics | 3 |
| MAT 489 | Fundamental Mathematics and Teaching in Secondary Schools | 4 |
| MAT 490 | Seminar in Mathematics Education | 3 |
| Electives | | |
| A. Select one of the following courses: | | 3 |
| MAT 311 | Differential Equations | |
| MAT 327 | Introduction to Machine Learning with Software | |
| MAT 411 | Mathematical Modeling | |
| MAT 460 | Graph Theory and Algorithms | |
| B. Select one of the following | | 3 |
| MAT 447 | Number Theory | |
| MAT 448 | Cryptography | |
| Total Hours | | 28 |

Program Learning Outcomes

- Demonstrate skill in using mathematical symbols, standard procedures and techniques, and definitions.
- Demonstrate a sense of inquiry and perseverance in mathematics.
- Demonstrate communication skills in conjunction with mathematical literacy in each major area.
- Prove or disprove mathematical statements as appropriate.
- Use technology and programming languages to model and solve mathematical problems.
- Demonstrate an understanding of the history of early mathematics (Math Ed Option only)

Mathematics Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|---------------------------|--------------------------|--------------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| MAT 191 | Calculus I | 5 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| | | Hours |
| | | 14 |
| Spring | | |
| GE Area A2 Composition II | | 3 |

| | | |
|---|--|------------|
| GE Area A1 Oral Communication | | 3 |
| MAT 193 | Calculus II | 5 |
| CSC 115 | Introduction to Programming Concepts | 3 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| GE Area B2 Life Science | | 3 |
| GE Area C1 Arts Courses | | 3 |
| MAT 211 | Calculus III | 5 |
| MAT 271 | Foundations Of Higher Math | 3 |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| Hours | | 18 |
| Spring | | |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| MAT 247 | Elements of Linear Alegbra | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| PHY 130 | General Physics I | 5 |
| Hours | | 14 |
| Third Year | | |
| Fall | | |
| MAT 321 | Probability and Statistics | 3 |
| MAT 331 | Linear Algebra | 3 |
| GE Area C2 Letters Course | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| MAT 323 | Statistical Inference | 3 |
| MAT 327 | Introduction to Machine Learning with Software (or other approved upper division elective course) | 3 |
| MAT 447 | Number Theory | 3 |
| ENG 350 | Advanced Composition (or other course to meet GWAR) | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| GE Area F Ethnic Studies | | 3 |
| MAT 333 | Abstract Algebra | 3 |
| MAT 401 | Advanced Analysis I | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| MAT 403 | Advanced Analysis II | 3 |
| MAT 421 | Complex Analysis | 3 |
| Elective to meet 120 units | | 3 |
| Upper division elective course in any subject | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|--------------------------------------|-------|
| First Year | | |
| Fall | | |
| MAT 271 | Foundations Of Higher Math | 3 |
| CSC 115 | Introduction to Programming Concepts | 3 |
| GWAR satisfying course | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |

| | | |
|---|---|-----------|
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 321 | Probability and Statistics | 3 |
| MAT 331 | Linear Algebra | 3 |
| MAT 447 | Number Theory | 3 |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| MAT 333 | Abstract Algebra | 3 |
| MAT 401 | Advanced Analysis I | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| MAT 323 | Statistical Inference (or other approved upper division elective course) | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 403 | Advanced Analysis II | 3 |
| MAT 421 | Complex Analysis | 3 |
| MAT 327 | Introduction to Machine Learning with Software (or other approved upper division elective course) | 3 |
| Upper division elective course in any subject | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 61 |

Mathematics Education Option Roadmaps

4-Year Roadmap

| Course | Title | Hours |
|------------------------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| MAT 191 | Calculus I | 5 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 14 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| MAT 193 | Calculus II | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| GE Area A1 Oral Communication | | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| MAT 211 | Calculus III | 5 |
| MAT 271 | Foundations Of Higher Math | 3 |
| MAT 143 | Problem Solving in Mathematics | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| Hours | | 14 |
| Spring | | |
| MAT 247 | Elements of Linear Alegbra | 3 |
| MAT 241 | Programming and Technology for Teaching Secondary School Mathematics | 3 |
| PHY 130 | General Physics I | 5 |
| GE Area C or D | | 3 |
| Hours | | 14 |

| Third Year | | |
|---|---|------------|
| Fall | | |
| MAT 281 | Discrete Mathematics | 3 |
| MAT 331 | Linear Algebra | 3 |
| GWAR satisfying course | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 411 | Mathematical Modeling | 3 |
| MAT 443 | History Of Mathematics | 3 |
| MAT 447 | Number Theory | 3 |
| GE Area C or D | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| MAT 333 | Abstract Algebra | 3 |
| MAT 401 | Advanced Analysis I | 3 |
| MAT 489 | Fundamental Mathematics and Teaching in Secondary Schools | 4 |
| GE Area B2 Life Science | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 16 |
| Spring | | |
| MAT 490 | Seminar in Mathematics Education | 3 |
| MAT 347 | Modern Geometry | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| MAT 271 | Foundations Of Higher Math | 3 |
| ENG 350 | Advanced Composition | 3 |
| MAT 241 | Programming and Technology for Teaching Secondary School Mathematics | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 331 | Linear Algebra | 3 |
| MAT 411 | Mathematical Modeling | 3 |
| MAT 443 | History Of Mathematics | 3 |
| MAT 281 | Discrete Mathematics | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| MAT 401 | Advanced Analysis I | 3 |
| MAT 447 | Number Theory | 3 |
| MAT 490 | Seminar in Mathematics Education | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| MAT 347 | Modern Geometry | 3 |
| MAT 333 | Abstract Algebra | 3 |

| | | |
|----------------------------|---|-----------|
| MAT 489 | Fundamental Mathematics and Teaching in Secondary Schools | 4 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Total Hours | | 61 |

Mathematics, Minor Requirements

All courses used to satisfy this minor must be passed with a grade of "C" or better.

| Code | Title | Hours |
|---|----------------------------|-----------|
| Required Courses | | |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| MAT 247 | Elements of Linear Alegbra | 3 |
| MAT 271 | Foundations Of Higher Math | 3 |
| Electives | | |
| Select three upper division mathematics courses | | 9 |
| Total Hours | | 30 |

Military Science

College of Business Administration and Public Policy

Program Description

The Military Science program provides professional training for students leading to a commission, upon graduation in the Active Army, Army Reserve or the Army National Guard. Through the Army Reserve Officers' Training Corps Program (AROTC), scholarship students receive full tuition and books. Scholarships are available in all majors. Scholarships are also available for Guaranteed Reserve Forces Duty. Military Science instruction is focused on hands-on leadership development and the practical application of military skills needed to produce America's future leaders. Additionally, military science courses count towards the 120 unit minimum required for the baccalaureate degree. MSL 101 Foundations of Officership and MSL 102 Basic Leadership are open to students who are not enrolled in the program, but have an interest in leadership, management, military history or military training. Enrollment in the AROTC program is open to all qualified full-time students.

Scholarship Program

All Army scholarships are merit based and are not dependent on individual financial need. Scholarships are available for both Active Duty and Guaranteed Reserve Forces Duty. Scholarships are awarded on a competitive basis to qualified applications for two-, three-, or four-year periods depending on the applicant's academic level and program of study. Scholarship cadets receive full tuition benefits, a \$1,200 annual book allowance, and a monthly allowance as detailed below.

Enrolled Cadets

Contracted cadets can receive a monthly allowance of up to \$500 per month. Contracted scholarship cadets receive an annual \$1,200 book

allowance. All enrolled scholarship and non-scholarship cadets receive uniforms and military science textbooks from the program.

Four-Year Program

The four-year military science curriculum is designed to be part of the student's undergraduate degree program. During the freshman and sophomore years, students receive introductory instruction in the theory of warfare, military history, military leadership and basic military skills. Cadets participate during their junior and senior years in a professional development program with instruction in leadership, management, military justice and advanced military skills.

Three-Year Program

The three-year program is available to qualified sophomore undergraduate students. Students may compress the first two years of the ROTC program by attending two ROTC classes per semester during their sophomore year. Scholarships are available, on a competitive basis, for students with three years remaining toward the completion of their undergraduate degree. Transfer students who meet the same criteria are also eligible for scholarships. Upon acceptance, student then follow the military science program described for the four-year program.

Two-Year Program

The two-year program is available to qualified junior and senior undergraduate students and graduate students who have two years of academic work remaining. Veterans who have achieved junior academic status and meet enrollment criteria are also eligible for this program. Students may receive credit for the first two years of the ROTC program by attending the ROTC Leaders Training Course or by previous junior ROTC participation. Active duty, Army Reserve and Army National Guard scholarships are available, on a competitive basis, for students with two years remaining toward completion of their undergraduate degrees. Transfer students who meet the same criteria are also eligible for scholarships. Upon acceptance, students then follow the military science program described for junior and senior cadets in the four-year program.

Field Training

Several military training programs are available to qualified cadets. A five-week paid Leaders Training Course at Fort Knox, Kentucky, qualifies students for the two-year program. All cadets attend a 30-day paid Leadership Development Assessment Course at Fort Lewis, Washington, after their junior year. This course provides practical application of advanced military and leadership skills required for commissioning.

Adventure Training

Qualified candidates may also receive training in Airborne school (parachuting), Air Assault school (rappelling from helicopters), Cadet Troop Leadership Training (training in Army units around the world) and in Drill Cadet Leadership Training (Training and working with Drill Sergeants).

Faculty

CPT Edgardo Alcala, Assistant Professor, Department Chair
Email: ealcala@csudh.edu

SFC Derrick Gregory
Email: dgregory@csudh.edu

1LT Clairence Rwiyyaza,

Email: rclairance@csudh.edu

Matthew Turner, Outreach Officer
Email: mt_419@usc.edu

Offices: SAC 2135, 2134, and 2136
Phone: (310) 243-3002

ROTC website (<https://www.csudh.edu/cbapp/departments/army-rotc/>)

Modern Languages

College of Arts and Humanities
Department of Modern Languages

In addition to its regularly scheduled modern language courses in French, Japanese and Spanish (see separate sections of this catalog), the Department of Modern Languages provides the opportunity for students to undertake individual study and/or credit by examination in a foreign language not regularly offered on campus. For further information, please contact the department.

Faculty

Benito Gomez, Department Chair
David Contreras, Yulder Daza, Miguel Domínguez, Michael Galant, Ivonne Heinze-Balcazar, Sachi Johnston Katagiri, Claudia Mendoza Diaz, Jose Salas Saucedo, Raúl Romero and Maythe Ruffino.

Department Office: LCH C-308, (310) 243-3315

Emeriti Faculty

Richard Beym, José S. Cuervo, Frances Lauerhass, Porfirio Sánchez, Luz Watts

Courses

MLG 195. Special Topics in Modern Languages.. (3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Repeatable for a credit.
Offered As needed

MLG 294. Independent Study in Modern Languages I. (1-3 Units)

Prerequisites: Consent of instructor and chair of Modern Languages.
Beginning/intermediate individual study and or credit by examination in a foreign language not regularly offered on campus. Arrangements must be made in advance of registration. Repeatable course.
Offered Infrequent

MLG 295. Special Topics in Modern Languages. (3 Units)

Study of special interest for students in the selected area of study. Topic and content will vary as announced. Repeatable for a credit.
Offered As needed

MLG 318. New Perspectives on Language and Sex. (3 Units)

This interdisciplinary and pluricultural course introduces students to the analysis of language and gender. Analyzes themes regarding sociolinguistic visibility and representation of gender and sex through a critical examination of the interaction and interrelation between language and gender.
Offered Fall, Spring, Summer

MLG 494. Independent Study in Modern Languages II. (1-3 Units)

Prerequisites: Consent of instructor and chair of Modern Languages. Intermediate or advanced individual study or credit by examination in a foreign language not regularly offered on campus. Arrangements must be made in advance of registration. Repeatable course. Offered Infrequent

MLG 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course. Offered Infrequent

Music

College of Arts and Humanities
Department of Music

Program Description

The objectives of the music program:

1. Music students acquire the cultural knowledge and professional skills necessary for a career in music.
2. Each music student will demonstrate a broad knowledge of music history and theory as well as those within their area of specialization.
3. Each music student will demonstrate musicianship skills adequate to support the performance and pedagogy of music. These skills include: eartraining, keyboard proficiency, sight-reading, and vocal technique.
4. Music students will acquire hands-on experience with current music and media-related technologies within their area of specialization.
5. Students will demonstrate the skill set needed of professional music teachers for studios and schools.
6. Music students will perform music from the standard repertoire related to their major area of study as soloists and as ensemble members.

Features

The Music Program is accredited by the National Association of Schools of Music (NASM). The Program is distinguished by the wide range of possible experiences it offers the student: performance in multiple genres, composition, conducting, music history, and music education.

The program also is characterized by a close interaction between students and faculty. The size and quality of the department offer all of the advantages of a small, private college at a state-supported university. Student recitals each semester give the faculty the opportunity to monitor each student's progress.

The Department of Music is housed in the La Corte Hall Building, which contains the newly renovated Marvin Laser Recital Hall; a large rehearsal room for orchestra, chorus, and band; a theory and history classroom; a state-of-the-art piano classroom; and a number of teaching studios/practice rooms. Additional practice rooms are available in the nearby North Cain Library. Musical events also are held in the 485-seat University Theatre as well as the Laser Recital Hall.

Financial aid and scholarships are available through the Office of Financial Aid. Several scholarships are specifically for music majors and require a special application to the Department of Music. Auditions for scholarships are usually held in the early spring. The Music Department Scholarship Fund provides support to students who excel in music performance. Mu Phi Epsilon, the Honorary Music Fraternity, offers

scholarships to members on the basis of grade point average, music performance, and service to the department and fraternity. Additional scholarships include the Marshall Bialosky Endowment Scholarship, the New Century Scholarship for composition students, and the Rod Butler Memorial Scholarship.

Academic Advisement

Students and prospective students who have chosen CSU Dominguez Hills for the study of music should seek academic advisement from a Department of Music faculty member at the earliest opportunity.

Preparation

High school students preparing for university music study should take every opportunity to study and perform music. High school participation in band, orchestra, chorus, chamber ensembles, and musical theater productions is highly recommended. In addition, private piano lessons, as well as vocal or instrumental lessons, will help to provide the incoming student with the basic musical skills and performance competencies necessary for success in pursuing a university degree in music.

Community college transfer students preparing for university music study should be sure that their program is paralleling equivalent courses being offered to freshman and sophomore music majors at CSU Dominguez Hills.

Graduation with Honors

Undergraduate students may be candidates for graduation with Honors in Music if they meet the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements for the Music major.

Career Possibilities

Graduates currently are working in the following fields: music teaching; private music teaching in music stores, studios, and in the home; community college teaching; arts administration; symphony orchestra performance; opera performance; church music composition and performance; church choir direction; music buying and music store management; popular music and jazz performance; gospel music performance and composition. Some graduates have elected to continue postgraduate study in the areas of teaching, musicology, composition, performance, and conducting.

Undergraduate Programs

Bachelor

- Music, Bachelor of Arts (p. 704)

Minor

- Music Education, Minor (p. 704)

Graduate Programs

Subject Matter Authorization

- Introductory and Specific Music, Subject Matter Authorization (p. 703)

Faculty

Scott Morris, Chair, Department of Music
Lynn Gary Atkins, Teodross Avery, Jonathon Grasse, Kathleen Janert, Stephen Moore, Oghenevwarho Ojakovo, Hal Weary

Division Office: LCH E-303, (310) 243-3543

Emeriti Faculty

David Bradfield, Marshall Bialosky, Hansonia Caldwell, David Champion, Sally Etcheto, Francis Steiner

Courses

MUS 100. Concert Music. (1 Units)

This course provides training and support for music majors at a beginner level through in-class performances, masterclasses, music journalism essays, attendance at various music performances and department camaraderie. Required attendance in-class and at approved music performances as determined by the Department of Music. May be repeated once. CR/NC grading. Restricted to majors.

Offered Fall, Spring, All terms

MUS 101. Introducing Music. (3 Units)

The technique of listening to music. The elements of music, musical forms, and historical styles. Concert attendance and discussion will be an integral part. Satisfies a General Education Requirement. This course is restricted to 1st time Freshman going through the First Year Experience.

Offered Fall, Spring, All terms

MUS 105. Introduction to Musicianship. (1 Units)

Prerequisite: Concurrent enrollment in MUS 101 or MUS 110 is recommended. An activity course in which students will begin exercises in music perception skills, pitch matching, identification of musical patterns, beginning ear-training and sight-singing drills. Preparation for the Musicianship Proficiency Exam. Repeatable course. Two hours activity per week.

Offered Fall, Spring

MUS 106. Musicianship Skills. (1 Units)

Prerequisites: MUS 105, MUS 110, and MUS 111 are recommended. Ear training, sight-singing, rhythm, keyboard harmony, and melodic and rhythmic dictation. This course is meant to parallel work in MUS 112 and MUS 113. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 110. Music Fundamentals. (3 Units)

Prerequisite: Concurrent enrollment in MUS 109 is recommended. Music rudiments taught through reading, writing, harmonizing and creating songs. Includes principles of notation, key signatures, scales, intervals, triads and chord progressions. Satisfies a General Education Requirement.

Offered Fall

MUS 111. Intro. To Music Theory. (3 Units)

Prerequisite: MUS 110 or placement test. Elements of music taught through reading, writing and harmonizing at the keyboard. Topics include key signatures, scales, intervals and basic harmony.

Offered Spring

MUS 112. Music Theory I. (3 Units)

Musical theory emphasizing materials from the Common Practice Period (1700-1900). The vocabulary of diatonic scales and modes, chords and their relationships, phrase structure and cadences, harmonic progressions, non-harmonic tones and the technique of harmonization.

Offered Fall

MUS 113. Music Theory II. (3 Units)

Prerequisites: MUS 112 and concurrent enrollment in MUS 106. Chromatic Harmony of the Common Practice Period. Harmonic analysis, secondary dominants, modulation, borrowed chords, augmented sixth chords, Neapolitan sixth chords, diminished sevenths, and ninth, eleventh and thirteenth chords.

Offered Spring

MUS 120. Beginning Voice Class. (1 Units)

Prerequisite: Consent of instructor. Fundamental principles of singing. Posture, breath control, tone production, diction and performance techniques and styles. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 122. Beginning Guitar Class. (1 Units)

Prerequisite: Previous or concurrent enrollment in MUS 101 and MUS 110 or consent of instructor is recommended. Beginning instruction in guitar technique, single string melody, and chord positions. Repeatable course. Two hours of activity per week.

Offered Fall, Spring

MUS 160. Repertoire. (1 Units)

Special topics vary by section and semester. See Class Schedule for title and prerequisites. Repeatable course.

Offered Fall, Spring

MUS 167. Latin American Regional Music Ensemble. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.

Offered Fall, Spring

MUS 168. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.

Offered Fall, Spring

MUS 169. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.

MUS 170. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Study of music through small instrumental ensemble rehearsal and performance. Type of group may vary. See Class Schedule for title. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 171. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 172. Jubilee Choir. (1 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Spring

MUS 173. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study and performance of instrumental jazz repertoire. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 175. Band. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of concert band music. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Infrequent

MUS 176. Orchestra. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 177. Chorus. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for chorus. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 178. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Infrequent

MUS 179. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts or complete musical theatrical works. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Infrequent

MUS 180. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of Department Chair and Instructor. Individual instruction in the student's major performance medium developing technique and repertoire. Individual one-half hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, tuba, percussion, violin, viola, cello, string bass, harp, classical guitar, lute, commercial guitar, and electric bass. Primarily for performance majors. Instrument fee may be required. Repeatable course. Offered Fall, Spring

MUS 181. Introduction to Piano I. (1 Units)

Beginning instruction in keyboard technique. Repeatable course. Two hours of activity. Offered Fall, All terms

MUS 182. Introduction to Piano II. (1 Units)

Prerequisite: MUS 181 or consent of instructor. Beginning instruction in keyboard technique. Repeatable course. Two hours of activity per week. Offered Infrequent

MUS 183. Piano I. (1 Units)

Prerequisites: MUS 181 and MUS 182 are recommended. Intermediate instruction in keyboard techniques. Keyboard harmony, scales, chords and improvised accompaniments. Repeatable course. Two hours of activity per week. Offered Fall

MUS 184. Piano II. (1 Units)

Prerequisites: MUS 183 or consent of instructor. Intermediate instruction in keyboard technique. Keyboard harmony, scales, chords and improvised accompaniments. Repeatable course. Two hours of activity per week. Offered Spring

MUS 195. Special Topics in Music. (1-3 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered As needed

MUS 200. Concert Music II. (1 Units)

Prerequisite: MUS 100. Provides training and support for music majors at a beginner-intermediate level through in-class performances, masterclasses, music journalism essays, attendance at various music performances, and department camaraderie. Required attendance in-class and at approved music performances as determined by the Department of Music. May be repeated once. CR/NC grading. Offered Fall, Spring, All terms

MUS 201. Music in Film: From the Silent Era to The Lord of the Rings. (3 Units)

Prerequisite: MUS 101 is recommended. Studies film music over the past century and is open to all majors. Through readings, lectures, listening, and film viewing, students study music's continually changing relationship with film, composition styles, and musical and cultural diversity. Offered Fall, Spring

MUS 206. Advanced Musicianship Skills. (1 Units)

Prerequisites: MUS 106 is required. MUS 112 and MUS 113 are recommended. Ear training, sight-singing, rhythm, keyboard harmony, and melodic, harmonic and rhythmic dictation. This course parallels work in MUS 310 and MUS 311 and provide preparation for the Musicianship Proficiency Exam. Repeatable course. Two hours of activity per week. Offered Fall, Spring

MUS 212. Advanced Music Theory I. (3 Units)

Structural, contrapuntal and harmonic analysis of musical forms from the Medieval through the Classical periods. A study of the literature, instrumentation, and notation. Practice includes aural analysis and creative composition. Offered Fall

MUS 213. Advanced Music Theory II. (3 Units)

Prerequisites: MUS 212 or consent of instructor is required; concurrent enrollment in MUS 206 and MUS 316 is recommended. Structural, harmonic and contrapuntal analysis of musical forms from the Romantic period through the Twentieth Century. A study of the literature, instrumentation and notation. Practice includes aural analysis and creative composition. Offered All terms, Spring

MUS 220. Intermediate Voice Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 120 or Consent of instructor. Singing with an emphasis on the vocal mechanism, use of the voice in ensemble singing and style in songs. Development of solo repertoire. Repeatable course. Two hours of activity per week. Offered Fall, Spring

MUS 222. Intermediate Guitar Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 122 or consent of instructor. Intermediate instruction in guitar technique, scales, chords and improvised accompaniments. Repeatable course. Two hours of activity per week. Offered Fall, Spring

MUS 223. Intermediate Flamenco Guitar. (1 Units)

Provides students with an introduction to the concepts and techniques necessary to play flamenco guitar, including tonality/mode and the workings of compas (the rhythmic structures unique to flamenco) Repeatable course. Two hours of activity per week. Offered Fall, Spring

MUS 250. History of Rock. (3 Units)

Prerequisite: MUS 101 is recommended. Studies the origins and movements of rock music including blues, R&B, soul, funk, and hip hop. Includes historical development, social contexts, associated styles and sub-genres, aesthetics, meanings, and music technology. Examines influential and innovative performers, songwriters, and producers. Offered Fall, Spring

MUS 260. Repertoire. (1 Units)

Pre-requisite: MUS 160 (two semesters) is required; Co-requisite: MUS 280. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 280. In depth study of Etudes, scales, arpeggios, and supplemental solo repertoire. Offered Fall, Spring, All terms

MUS 267. Latin American Regional Music. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance. Offered Fall, Spring

MUS 268. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance. Offered Fall, Spring

MUS 269. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester. Offered All terms

MUS 270. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Music study through small instrumental ensemble rehearsal and performance. Type of group may vary. See Class Schedule for title. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 271. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring, All terms

MUS 272. Jubilee Choir. (1 Units)

Prerequisite: MUS 110 or consent of instructor. An introduction to music fundamentals and techniques for dance accompaniment. Two hours of activity per week. Offered Spring

MUS 273. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study and performance of instrumental jazz repertoire. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring, All terms

MUS 275. Band. (1 Units)

Prerequisite: Consent of instructor. Rehearsal and performance of concert band music. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 276. Orchestra. (1 Units)

Prerequisite: Consent of instructor. Rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 277. Chorus. (1 Units)

Prerequisite: Consent of instructor. Rehearsal and performance of music for chorus. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Fall, Spring

MUS 278. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Infrequent

MUS 279. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts and complete musical theatrical works. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Infrequent

MUS 280. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of department chair and instructor. Individual instruction in the student's major performance medium developing techniques and repertoire at a beginner-intermediate level. Individual one hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, Trombone, euphonium, tuba, percussion, violin, viola, cello, string bass, harp, classical guitar, lute, commercial guitar, and electric bass. Primarily for music majors. Instrument fee may be required. Repeatable course. Offered Fall, Spring

MUS 283. Piano III. (1 Units)

Prerequisites: MUS 101 or MUS 110 or consent of instructor. Basic principles of the early childhood music teaching methods developed by Carl Orff. Music education through movement, singing, speech and drama and use of Orff musical instruments. Two hours of lecture and two hours of activity per week. Offered Fall

MUS 284. Piano IV. (1 Units)

Prerequisites: MUS 283 or consent of instructor. Advanced instruction in keyboard technique. Development of solo repertoire and preparation for the Piano Proficiency Exam. Repeatable course. Two hours of activity per week. Offered Spring

MUS 290. Music Industry I: Survey of the Music Industry. (3 Units)

Introduces students to careers in the music industry and enhances their ability to recognize how these professions affect and impact our daily lives. Course examines the many different career fields that make the music industry profitable and progressive. Offered Fall, Spring

MUS 294. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. The student investigates a scholarly topic or undertakes directed research or a creative project with the assistance of a Music faculty member. Repeatable course. Offered Infrequent

MUS 295. Special Studies In Music. (3 Units)

Special topics vary by section and semester. See Class Schedule for title and prerequisites. Repeatable course. Offered Infrequent, All terms

MUS 300. Concert Music III. (1 Units)

Prerequisite: MUS 200 is required. Provides training and support for music majors at an intermediate level through in-class performances, master classes, music journalism essays, attendance at various music performances, and department camaraderie. Required attendance in class and at approved music performances as determined by the Department of Music Repeatable once. CR/NC grading. Offered Fall, Spring

MUS 301. Music In World Cultures. (3 Units)

Prerequisite: MUS 101 or 110 or consent of instructor. Survey of non-Western cultures from a musical point of view. Using familiar folk and popular music for comparison, students will be guided into new listening experiences, develop a vocabulary for discussing world music, and gain an appreciation of cultural pluralism. Offered Fall, Spring

MUS 302. African American Music. (3 Units)

Introduction to the music of African Americans from roots in African cultural practice to current day. Musical genres include blues, spirituals, gospel, jazz, classical, R&B, soul, funk, hip-hop, rap, etc. The course is designed for music and non-music majors. Offered Spring

MUS 305A. Music For Dance. (1 Units)

Prerequisites: MUS 101 and MUS 110 or consent of instructor. Survey and analysis of music suitable for children. History and philosophy of American music education emphasizing influences of European systems of Kodaly, Dalcroze, and Orff. Two hours of lecture and two hours of activity per week. Offered Infrequent

MUS 308. Popular & Jazz Harmony. (3 Units)

Prerequisite: MUS 210 or consent of instructor. Analysis of chords and scale patterns, chord symbols, and chord substitutions in popular music and jazz. Offered Fall

MUS 312. The Jazz Age. (3 Units)

Explores the social, cultural, and historical turbulence of the 1920s with a focus on the ways jazz aesthetics in music, literature, and the arts influenced and reflected new ways of thinking about American identity. Offered Fall, Spring

MUS 315. Counterpoint. (3 Units)

Prerequisite: MUS 211 or consent of instructor. Counterpoint as a linear mode of compositional technique in Western music. Modal, tonal and post-tonal practices. Offered Spring

MUS 316. Instrumentation. (3 Units)

Prerequisite: MUS 211 or MUS 308. Acoustical and musical characteristics of all the major orchestral and band instruments. Written assignments will include transcriptions for combination of instruments both as families and mixed ensembles. Offered Fall, All terms

MUS 320. Advanced Voice Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 220 or consent of instructor. Singing with emphasis on vocal mechanism, use of the voice in ensemble singing, and style in songs. Development of solo repertoire in foreign languages. Repeatable course. Two hours of activity per week. Offered Fall, Spring

MUS 322. Advanced Guitar Class. (1 Units)

Prerequisites: MUS 101, MUS 110 and MUS 222 or consent of instructor. Advanced instruction in guitar technique. Development of solo repertoire. Repeatable course. Two hours of activity per week. Offered Fall, Spring

MUS 323. Advanced Flamenco Guitar. (1 Units)

Prerequisite: Mus 223 required Course follows up on the concepts and techniques introduced in MUS 223, allowing students to move closer to mastery of flamenco guitar. Repeatable course. Two hours of activity per week Offered Fall, Spring

MUS 325. Instrumental Conducting. (3 Units)

Prerequisite: MUS 310 or consent of instructor. An introduction to the basic techniques of conducting both instrumental groups, score reading, baton technique and fundamentals of interpretation. Repeatable course. Two hours of lecture and two hours of activity per week. Offered Spring

MUS 326. Choral Conducting. (3 Units)

Prerequisite: MUS 212 or consent of instructor is required. An introduction to the basic techniques of conducting choral groups and the international phonetic alphabet (IPA). Score reading, hand technique, study of diction, pronunciation, and fundamentals of interpretation. Repeatable course. Two hours of lecture and two hours of activity per week.

Offered Fall

MUS 333. Foundations in Music Education. (3 Units)

Prerequisite: MUS 180 and MUS 280; In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. A survey of the leading historical, technological, and pedagogical approaches to music education in the United States. This course contains an observation component in the field.

Offered Infrequent

MUS 340. Music For Children. (3 Units)

Prerequisites: MUS 282 or consent of instructor.

Offered Fall, Spring, All terms

MUS 345. Global Popular Music: Identity and Social Change. (3 Units)

Explores popular music and social change in Africa, Asia, South Asia, Southeast Asia, and Latin America. Students will consider social development, modernity, and political movements in relation to music and text as resistance and representing social change.

Offered Fall

MUS 360. Repertoire. (1 Units)

Pre-requisite: MUS 260 (two semesters); Co-requisite: MUS 380. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 380. In depth study of Etudes, scales, arpeggios, and supplemental repertoire. Repeatable for credit.

Offered Fall, Spring

MUS 367. Latin American Regional Music Ensemble. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.

Offered Fall, Spring

MUS 368. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.

Offered Fall, Spring

MUS 369. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.

Offered All terms

MUS 370. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Study of music through small instrumental ensemble rehearsal and performance. Type of group may vary by section and semester. See Class Schedule for title. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 371. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring, All terms

MUS 372. Jubilee Choir. (1 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Spring

MUS 373. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study of performance of instrumental jazz repertoire. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 375. Band. (1 Units)

Offered Infrequent

MUS 376. Orchestra. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring, All terms

MUS 377. Chorus. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for chorus. Public performances expected. Repeatable once. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Fall, Spring

MUS 378. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged.

Offered Infrequent

MUS 379A. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts and complete musical theatrical works. Repeatable once. Three hours of activity per week plus extras rehearsal and performance times to be arranged.

Offered Infrequent

MUS 380. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of department chair and instructor. individual instruction in the student's major performance medium developing technique and repertoire at an intermediate level. Individual one hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, trombone, euphonium, tuba, percussion, violin, viola, cello, string bass, harp, classic guitar, lute, commercial guitar, and electric bass. Primarily for music majors. Instrument fee may be required. Repeatable course. Offered Fall, Spring, All terms

MUS 382. Advanced Piano II. (1 Units)

Prerequisites: MUS 381 or consent of instructor. Advanced instruction in keyboard technique. Development of solo repertoire and preparation for the Piano Proficiency Exam. Repeatable course. Two hours of activity per week. Offered Spring, All terms

MUS 385. Medieval and Renaissance Music. (3 Units)

Prerequisites: MUS 101 and MUS 110 or consent of instructor. Music from the Medieval period through the Renaissance. Gregorian chant, Leonin, Perotin, Machaut, Dufay, Ockeghem, Josquin, Gombert, Willaert, Palestrina, Lasso, Gabrieli and other composers. Study of styles of music to uncover the various musical, aesthetic, and social determinants underlying the musical literature. Offered Infrequent, All terms

MUS 386. Music History I: Medieval to Renaissance. (3 Units)

Prerequisites: MUS 101 and MUS 110 or consent of instructor. This course covers music from the Medieval through the Renaissance period. The study of styles of music to engage various musical, aesthetic, and social determinants underlying the musical literature.. Offered Spring

MUS 390. Music Industry II: Music Marketing, Media and Management. (3 Units)

Prerequisite: MUS 290 is required. Provides students with an understanding of the inner and outer-workings of artist and concert management, nonprofit arts management, arts enterprise management, advertising management, digital marketing, public relations, branding, merchandising, endorsements, sponsorships, promotion and touring, and big data. Offered Fall, Spring

MUS 395. Special Studies/Activities In Music. (1-3 Units)

Offered Infrequent

MUS 400. Concert Music IV. (1 Units)

Prerequisite: MUS 300 is required. Provides training and support for music majors as an advanced level through in-class performances, masterclasses, music journalism essays, attendance at various music performances, and department camaraderie. Required attendance in-class and at approved music performances as determined by the Department of Music. May be repeated once. CR/NC grading. Offered Fall, Spring

MUS 408. Advanced Songwriting. (3 Units)

Prerequisite: MUS 308 or consent of instructor. Original songs created by students will be performed, discussed, and constructively criticized. Well-known popular, show, country, rock and R and B songs will be studied as models of melodic, harmonic, rhythmic, structural and poetic composition. Field trips and guest lecturers from the industry. Publishing and copyright procedures. Offered Infrequent

MUS 415. Composition and Arranging: Art Music. (3 Units)

Prerequisite: MUS 311 or consent of instructor. Composition and arranging of art music utilizing a variety of resources, from traditional instruments and voice to new instruments, electronics and computer. Repeatable course. Offered Spring

MUS 416. Composition and Arranging: Popular and Jazz. (3 Units)

Prerequisite: MUS 308 or consent of instructor. Composition and arranging for popular and jazz ensembles with an emphasis on contemporary styles. Repeatable course. Offered Spring

MUS 421. Instrumental Methods: MUS ED. (3 Units)

Required Co-requisite: MUS 333 Intensive preparation for prospective educators with focus on teaching instrumental music in schools (elementary, middle, and high school). Includes examination of appropriate literature, classroom management, and teaching pedagogy. Course contains a field experience component. Offered Infrequent

MUS 433. Contemporary Pedagogy. (3 Units)

Prerequisites: MUS 333 and MUS 421 required. In order to begin the hours for fieldwork in this course, you will need a valid Certificate of Clearance (fingerprints) and proof of a negative TB (within 4 months of the fieldwork course beginning). For information on submitting these documents, contact the Center for Teaching Careers. Study of the contemporary principles, techniques, and procedures effective for small and large group music instruction. Emphasis on the development of philosophy, methodology, and teaching strategies. Course contains a field experience component. Offered Infrequent

MUS 440. Intro To Orff Schulwerk. (3 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for symphony orchestra. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged. Offered Infrequent

MUS 441. Marching Band Techniques. (1 Units)

Pedagogy, management and administration of a marching band program. Content will address marching percussion, marching and maneuvering, and attached units. Offered As needed

MUS 445. String Instruments. (1 Units)

Prerequisite: MUS 110 or consent of instructor. Introduction to the principles and literature of string instruments, with emphasis on skills necessary for future teachers of instrumental ensembles. Repeatable course. Two hours of activity per week. Instrument fee may be required. Offered Spring

MUS 446. Woodwind Instruments. (1 Units)

Prerequisites: MUS 110 or consent of instructor. Instrument fee may be required. Introduction to the principles and literature of woodwind instruments with emphasis on skills necessary for future teachers of instrumental ensembles. Repeatable course. Two hours of activity per week. Offered Fall

MUS 447. Brass Instruments. (1 Units)

Prerequisite: MUS 110 or consent of instructor. Introduction to the principles and literature of brass instruments with emphasis on skills, necessary for future teachers of instrumental performance times to be arranged.
Offered Spring

MUS 448. Percussion Instruments. (1 Units)

Prerequisite: MUS 110 or consent of instructor. Introduction to the principles and literature of percussion instruments with emphasis on skills necessary for future teachers of instrumental ensembles. Repeatable course. Two hours of activity per week. Instrument fee may be required.
Offered Fall

MUS 449. Vocal & Choral Techniques. (1 Units)

Prerequisites: MUS 106 or consent of instructor is required. Introduction to the principles and literature of vocal and choral instruction, with emphasis on skills necessary for future teachers of choral ensembles. Repeatable course. Two hours of activity per week.
Offered Spring

MUS 460. Repertoire. (1 Units)

Pre-requisite: MUS 360(two semesters); Co-requisite: MUS 480. Studio instruction in an applied area that complements and provides additional depth to that which is offered in MUS 380. In depth study of Etudes, scales, arpeggios, and supplemental repertoire. Repeatable for credit.
Offered Fall, Spring

MUS 467. Latin American Regional Music Ensemble. (1 Units)

Students primarily focus on the performance practices of Latina American musical traditions. Through participation in varying-sized ensembles, students will demonstrate their acquired knowledge and skills in a public performance.
Offered Fall, Spring

MUS 468. Pep Band. (1 Units)

Prepares students for performances at university and athletic events while providing them an opportunity to grow and improve in individual and ensemble performance.
Offered Fall, Spring

MUS 469. Early Music Collegium. (1 Units)

Students primarily focus on the performance of music of the Middle Ages, Renaissance, and Baroque periods. Students will receive instructions on historically informed performance practice and present a concert at the end of each semester.
Offered Fall, Spring

MUS 470. Chamber Music. (1 Units)

Prerequisite: Consent of instructor. Study of music through small instrumental ensemble rehearsal and performance. Type of group may vary by section and semester. See Class Schedule for title. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 471. Chamber Singers. (1 Units)

Prerequisite: Consent of instructor. Study of music through small vocal ensemble rehearsal and performance. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 472. Jubilee Choir. (1 Units)

Prerequisite: Consent of instructor. Study and performance of choral music of Afro-American culture. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Spring

MUS 473. Jazz Ensemble. (1 Units)

Prerequisite: Consent of instructor. Techniques of improvisation and a study and performance of instrumental jazz repertoire. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 475. Band. (1 Units)

Offered Fall, Spring

MUS 476. Orchestra. (1 Units)

Prerequisites: Consent of department chair and instructor. Individual instruction and guidance in the technique of conducting instrumental and vocal ensembles. Individual lesson times are arranged with the instructor. Public performance and jury evaluation expected. Primarily for conducting majors. Repeatable course.
Offered Fall, Spring

MUS 477. Chorus. (1 Units)

Prerequisite: Consent of instructor. A study of music through rehearsal and performance of music for chorus. Public performances expected. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Fall, Spring

MUS 478. Guitar Ensemble. (1 Units)

Prerequisite: Consent of Instructor (audition). A study of music through rehearsal and performance of music for guitar ensemble. Public performance expected. Repeatable once at each level. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 479A. Music Theatre Workshop. (1 Units)

Prerequisites: Audition and consent of instructor. Study of roles and representative excerpts from opera, operetta, and musical comedy and the basic musical, dramatic and language technique of the musical theater. Performance of excerpts and complete musical theatrical works. Repeatable course. Three hours of activity per week plus extra rehearsal and performance times to be arranged.
Offered Infrequent

MUS 480. Individual Lessons. (1 Units)

Prerequisites: Audition and consent of department chair and instructor. Individual instruction in the student's major performance medium developing technique and repertoire at an advance level. Individual one hour lesson times are arranged with the studio teacher. Public performance and jury evaluation expected. Lessons are available in voice, piano, harpsichord, organ, accordion, flute, oboe, clarinet, bassoon, saxophone, trumpet. French horn, trombone, euphonium, tuba, percussion, violin, viola, cello, string bass, harp, classical guitar, lute, commercial guitar and electric bass. Primarily for music majors. Instrument fee may be required. Repeatable course.
Offered Fall, Spring

MUS 481S. Ind Lessons-Comp & Arrang. (1 Units)

Prerequisites: Consent of department chair and instructor. Individual instruction and guidance with music composition and arranging projects. Individual lesson times are arranged with the instructor. Jury evaluation expected. Primarily for composition majors. Repeatable course. Offered Fall, Spring

MUS 483A. Interpretation Of Music. (1 Units)

Prerequisite: Concurrent enrollment in upper division individual lessons or consent of instructor. Exploration of a wide variety of topics relating to the interpretation of music from various stylistic periods. Recorded examples and student performances will be analyzed and compared with particular attention given to historic authenticity and contemporary practices. Repeatable course. Two hours of activity per week. Offered Spring

MUS 485. Music History II: Baroque to Romantic. (3 Units)

Prerequisites: MUS 106 and MUS 112 or consent of instructor. Covers music from the Baroque through the Romantic period. The study of styles of music to engage various musical, aesthetic, and social determinants underlying the musical literature. Offered Fall

MUS 486. Music History III: 1880 to Contemporary. (3 Units)

Prerequisites: Two semesters of MUS 106 and 113 or consent of instructor. A critical analysis of music from the late Romantic through to the present. Students will focus on disciplinary writing on several styles of music to uncover the various technical, aesthetic, and social determinants underlying the musical literature. Students will actively refine their academic writing in music for diverse audiences, including writing for other musicians and the general public. Restricted to majors. A grade of C or better in this course fulfills the GEAR requirement for all Music majors and minors. Offered Spring

MUS 493. Recital. (1 Units)

Prerequisite: Concurrent enrollment in MUS 480 or MUS 580. Preparation and performance of a full or half music recital. Repeatable course. Offered Fall, Spring

MUS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a Music faculty member, the student investigates a scholarly topic or undertakes a creative project. Repeatable course. Offered Fall, Spring

MUS 495. Special Studies In Music. (1-3 Units)

Special topics vary by section and semester. See Class Schedule for title and prerequisites. Repeatable course. Offered Fall, Spring

MUS 496. Music Internship. (1-3 Units)

Prerequisite: Consent of department chair. Students participate in an off-campus internship with an approved employer. Provides for an integration of academic study and related work experience. CR/NC grading. Repeatable course. Offered Fall, Spring

MUS 499. Senior Project. (3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a Music faculty member, student undertakes a major project which may be one of the following: original research and thesis on a given music history or theoretical topic, a creative project such as an original composition or a full recital with supporting scholarly program notes. Offered Fall, Spring

MUS 580. Performance, Performance Practices and Repertoire. (2 Units)

Prerequisite: Audition and consent of department chair and instructor. Ensembles. Repeatable course. Two hours of activity per week. Instrument fee may be required. Offered Infrequent

MUS 581S. Ind Lessons-Comp & Arrang. (1 Units)

Prerequisites: Consent of department chair and instructor. Individual instruction and guidance with music composition and arranging projects. Individual lesson times are arranged with the instructor. Jury evaluation expected. Primarily for composition majors. Repeatable course. Offered Infrequent

MUS 582S. Indiv Lessons-Conducting. (1 Units)

Prerequisites: NCR 290, NCR 390, and NCR 405. Preparation for application of knowledge of negotiation, conflict resolution, and peacebuilding in school settings. Explores pedagogies appropriate for the development of conflict resolution skills and techniques as basis for both elective and prescriptive training modules. Offered Infrequent

MUS 593S. Recital. (1 Units)

Prerequisite: Concurrent enrollment in MUS 580. Preparation and performance of a full or half music recital. Repeatable course. Offered Infrequent

MUS 594. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. In consultation with a Music faculty member, the student investigates a scholarly topic or undertakes a creative project. Repeatable. Offered Infrequent

Introductory and Specific Music, Subject Matter Authorization

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an Introductory Music Subject Matter Authorization that allows the holder to teach the subject matter content typically included in curriculum guidelines and textbooks approved for study in grades 9 and below. This allows an employer to assign a teacher with an introductory music authorization to teach a class in which the curriculum is for grades 9 and below but the students in the class may be in grades K-12.

Specific Music Subject Matter Authorization that allows the holder to teach the specific subjects in grades preschool, K-12, and classes organized primarily for adults.

For other requirements governing issuance of this authorization, consult the Teacher Education section of this catalog or contact the School of Education Student Services Center.

Complete each of the following courses or equivalent as approved by the Music Department Advisor

Requirements

| Code | Title | Hours |
|--|------------------------------|-------|
| Lower Division Required Courses | | |
| MUS 101 | Introducing Music | 3 |
| MUS 105 | Introduction to Musicianship | 1 |
| MUS 110 | Music Fundamentals | 3 |
| MUS 112 | Music Theory I | 3 |

| | | |
|--|--------------------------------|-----------|
| MUS 120 | Beginning Voice Class | 1 |
| MUS 122 | Beginning Guitar Class | 1 |
| MUS 180 | Individual Lessons | 1 |
| MUS 280 | Individual Lessons | 1 |
| Upper Division Required Courses | | |
| MUS 325 | Conducting | 3 |
| MUS 333 | Foundations in Music Education | 3 |
| Select one of the following: ¹ | | 3 |
| MUS 420 | | |
| MUS 421 | Instrumental Methods: MUS ED | |
| Ensemble Requirement | | |
| Complete one of the University's large performing ensembles for at least four semesters ² | | 4 |
| Total Hours | | 27 |

¹ Students wishing for an Introductory Subject Matter Authorization may select MUS 420 or MUS 421 Instrumental Methods: MUS ED. Students wishing for a Specific Subject Matter Authorization in instrumental music **must** select MUS 421 Instrumental Methods: MUS ED, while students wishing for a specific subject matter authorization in vocal music **must** select MUS 420.

² These ensembles include orchestra, chorus, chamber singers, jubilee choir, bands, and jazz ensemble (1,1,1,1). For orchestra, for example complete MUS 176 Orchestra, MUS 276 Orchestra, MUS 376 Orchestra, and MUS 476 Orchestra.

Music Education, Minor Requirements

| Code | Title | Hours |
|---|--------------------------------|-----------|
| Lower Division Required Courses | | |
| MUS 101 | Introducing Music | 3 |
| MUS 105 | Introduction to Musicianship | 1 |
| MUS 106 | Musicianship Skills | 1 |
| MUS 110 | Music Fundamentals | 3 |
| MUS 111 | Intro. To Music Theory | 3 |
| MUS 112 | Music Theory I | 3 |
| MUS 113 | Music Theory II | 3 |
| Upper Division Required Courses | | |
| MUS 333 | Foundations in Music Education | 3 |
| MUS 421 | Instrumental Methods: MUS ED | 3 |
| Select four 400-level instrument/techniques courses (4 units) | | |
| MUS 441 | Marching Band Techniques | 1 |
| MUS 445 | String Instruments | 1 |
| MUS 446 | Woodwind Instruments | 1 |
| MUS 447 | Brass Instruments | 1 |
| MUS 448 | Percussion Instruments | 1 |
| MUS 449 | Vocal & Choral Techniques | 1 |
| Total Hours | | 29 |

Music, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor is required.

Major Requirements (60-72 units)

Students who major in Music must select one of three options: Music Liberal Arts, Music Education, or Music Performance. The following courses, or their approved transfer equivalents, are recommended or required of all candidates for this degree.

Recommended Courses

| Code | Title | Hours |
|-------------------------------|---------------------------|-------|
| Lower Division Courses | | |
| MUS 101 | Introducing Music | 3 |
| MUS 122 | Beginning Guitar Class | 1 |
| MUS 181 | Introduction to Piano I | 1 |
| MUS 182 | Introduction to Piano II | 1 |
| MUS 183 | Piano I | 1 |
| MUS 184 | Piano II | 1 |
| MUS 222 | Intermediate Guitar Class | 1 |

Upper Division Courses

Music majors are encouraged to broaden their knowledge of music by taking a variety of upper division electives in music. Courses beyond the minimum requirements will give a broader base for later professional development.

Common Core Requirements (24 units)

| Code | Title | Hours |
|--|---|-------|
| Lower Division Required Courses | | |
| MUS 106 | Musicianship Skills ¹ | 1 |
| MUS 112 | Music Theory I | 3 |
| MUS 113 | Music Theory II | 3 |
| MUS 180 | Individual Lessons ² | 1 |
| MUS 206 | Advanced Musicianship Skills ³ | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 213 | Advanced Music Theory II | 3 |
| MUS 280 | Individual Lessons ⁴ | 1 |

Select 100-level and 200-level ensemble courses in consultation with faculty advisor.⁵

| | |
|---------|--|
| MUS 167 | Latin American Regional Music Ensemble |
| MUS 168 | Pep Band |
| MUS 169 | Early Music Collegium |
| MUS 170 | Chamber Music |
| MUS 171 | Chamber Singers |
| MUS 172 | Jubilee Choir |
| MUS 173 | Jazz Ensemble |
| MUS 175 | Band |
| MUS 176 | Orchestra |
| MUS 177 | Chorus |
| MUS 178 | Guitar Ensemble |
| MUS 267 | Latin American Regional Music |
| MUS 268 | Pep Band |
| MUS 269 | Early Music Collegium |
| MUS 270 | Chamber Music |
| MUS 271 | Chamber Singers |
| MUS 272 | Jubilee Choir |
| MUS 273 | Jazz Ensemble |
| MUS 275 | Band |
| MUS 276 | Orchestra |
| MUS 277 | Chorus |
| MUS 278 | Guitar Ensemble |

Upper Division Required Courses

| | | |
|---------|--|---|
| MUS 301 | Music In World Cultures | 3 |
| MUS 386 | Music History I: Medieval to Renaissance | 3 |
| MUS 485 | Music History II: Baroque to Romantic | 3 |
| MUS 486 | Music History III: 1880 to Contemporary ⁶ | 3 |

Select 300-level and 400-level ensemble courses in consultation with faculty advisor.⁷

| | |
|---------|-----------------|
| MUS 370 | Chamber Music |
| MUS 371 | Chamber Singers |
| MUS 372 | Jubilee Choir |
| MUS 373 | Jazz Ensemble |
| MUS 376 | Orchestra |
| MUS 377 | Chorus |
| MUS 378 | Guitar Ensemble |
| MUS 470 | Chamber Music |
| MUS 471 | Chamber Singers |
| MUS 472 | Jubilee Choir |
| MUS 473 | Jazz Ensemble |
| MUS 475 | Band |
| MUS 476 | Orchestra |
| MUS 477 | Chorus |
| MUS 478 | Guitar Ensemble |

¹ Students required to complete MUS 106 once in a fall semester and a spring semester.² Students required to complete MUS180 once in a fall semester and a spring semester.³ Students required to complete MUS 206 once in a fall semester and a spring semester.⁴ Students required to complete MUS 280 once in a fall semester and a spring semester.⁵ Students required to complete a lower division ensemble course at the 100-level and 200-level in a fall semester and a spring semester. 100-level ensembles to be chosen from: MUS 167, 168, 169, 170, 171, 172, 173, 175, 176, 177, and 178.⁶ Satisfies GWAR requirement.⁷ Students required to complete a lower division ensemble course at the 300-level and 400 level in a fall semester and a spring semester in consultation with the faculty advisor.**Options****Music Liberal Arts Option (72 units)**

| Code | Title | Hours |
|--|---|-------|
| Recommended Courses | | |
| MUS 101 | Introducing Music | 3 |
| MUS 111 | Intro. To Music Theory | 3 |
| Common Core Requirements | | |
| Complete common core courses | | 40 |
| Lower Division Required Courses | | |
| CHS 125 | Chicano/Latino Musical Culture | 3 |
| MUS 122 | Beginning Guitar Class | 1 |
| MUS 201 | Music in Film: From the Silent Era to The Lord of the Rings | 3 |
| MUS 222 | Intermediate Guitar Class | 1 |
| MUS 250 | History of Rock | 3 |
| Upper Division Required Courses | | |
| APP 325 | Asian Pacific Art, Music and Literature | 3 |
| MUS 302 | African American Music | 3 |
| MUS 312 | The Jazz Age | 3 |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| or MUS 326 | Choral Conducting | |
| MUS 345 | Global Popular Music: Identity and Social Change | 3 |
| MUS 499 | Senior Project | 3 |

Music Education Option (71 units)

Single Field Major - no minor required.

| Code | Title | Hours |
|--|---------------------------------|-------|
| Recommended Courses | | |
| MUS 101 | Introducing Music | |
| MUS 111 | Intro. To Music Theory | |
| Common Core Requirements | | |
| Complete common core courses | | 40 |
| Lower Division Required Courses | | |
| MUS 122 | Beginning Guitar Class | 1 |
| Upper Division Required Courses | | |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| MUS 326 | Choral Conducting | 3 |
| MUS 333 | Foundations in Music Education | 3 |
| MUS 380 | Individual Lessons ¹ | 1 |
| MUS 421 | Instrumental Methods: MUS ED | 3 |
| MUS 433 | Contemporary Pedagogy | 3 |

| | | |
|---------|---------------------------------|---|
| MUS 441 | Marching Band Techniques | 1 |
| MUS 445 | String Instruments | 1 |
| MUS 446 | Woodwind Instruments | 1 |
| MUS 447 | Brass Instruments | 1 |
| MUS 448 | Percussion Instruments | 1 |
| MUS 480 | Individual Lessons ² | 1 |
| MUS 493 | Recital ³ | 1 |

¹ Students required to complete MUS 380 once in a fall semester and a spring semester.

² Students required to complete MUS 480 once in a fall semester and a spring semester.

³ Students required to complete MUS 493 once in a fall semester and a spring semester.

Music Performance Option (60 - 79 units)

Students who major in Music must select one of three options: Music Liberal Arts, Music Education, or Music Performance. The following courses, or their approved transfer equivalents, are recommended or required of all candidates for this degree.

| Code | Title | Hours |
|--|--|-----------|
| Recommended Courses | | |
| MUS 101 | Introducing Music | |
| MUS 111 | Intro. To Music Theory | |
| MUS 181 | Introduction to Piano I | |
| MUS 182 | Introduction to Piano II | |
| Common Core Requirements | | |
| Complete common core courses | | 40 |
| Lower Division Required Courses | | |
| MUS 122 | Beginning Guitar Class | 1 |
| MUS 222 | Intermediate Guitar Class | 1 |
| MUS 290 | Music Industry I: Survey of the Music Industry | 3 |
| Upper Division Required Courses | | |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| or MUS 326 | Choral Conducting | |
| MUS 380 | Individual Lessons ¹ | 1 |
| MUS 390 | Music Industry II: Music Marketing, Media and Management | 3 |
| MUS 480 | Individual Lessons ² | 1 |
| MUS 493 | Recital ³ | 1 |
| Total Hours | | 57 |

¹ Students required to complete MUS 380 once in a fall semester and a spring semester.

² Students required to complete MUS 480 once in a fall semester and a spring semester.

³ Students required to complete MUS 493 once in a fall semester and a spring semester.

Repertory Requirements in Major Performance Area

Before being approved for graduation, students must perform at a certain level of advancement and proficiency. A detailed list of representative repertory is available from the Music Department.

Summative Exam

Every graduating student is required to pass a summative pedagogy skills exam. A detailed study guide is available for the Music Department.

- Music students acquire the cultural knowledge and the professional skills necessary for a career in music.
- Each music student will demonstrate a broad knowledge of music history and theory.
- Each music student will demonstrate musicianship skills adequate to support the performance and pedagogy of music.
- Students will acquire hands-on experience with current music and media-related technologies
- Students will demonstrate the skill set needed of music teachers for studios and private and public schools
- Music students will perform music from the standard repertoire related to their major area of study as soloists and as ensemble members.

General Music Option

4-Year Roadmap

| Course | Title | Hours |
|-------------------------|--------------------------|-----------|
| First Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| MUS 100 | Concert Music | 1 |
| MUS 180 | Individual Lessons | 1 |
| GE Area A2 I | | 3 |
| GE Area C or D | | 3 |
| GE Area E | | 3 |
| Lower Division Ensemble | | 1 |
| Hours | | 15 |
| Spring | | |
| MUS 100 | Concert Music | 1 |
| MUS 180 | Individual Lessons | 1 |
| POL 101 | American Institutions | 3 |
| GE Area A2 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area B4 | | 3 |
| Lower Division Ensemble | | 1 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| MUS 106 | Musicianship Skills | 1 |
| MUS 112 | Music Theory I | 3 |
| MUS 200 | Concert Music II | 1 |
| MUS 280 | Individual Lessons | 1 |
| GE Area A3 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area C or D | | 3 |
| Lower Division Ensemble | | 1 |
| Hours | | 16 |
| Spring | | |
| MUS 106 | Musicianship Skills | 1 |
| MUS 113 | Music Theory II | 3 |
| MUS 200 | Concert Music II | 1 |
| MUS 220 | Intermediate Voice Class | 1 |
| MUS 280 | Individual Lessons | 1 |
| GE Area A3 | | 3 |
| GE Area C or D | | 3 |

| | |
|-------------------------|--|
| Lower Division Ensemble | 1 |
| Hours | 14 |
| Third Year | |
| Fall | |
| MUS 206 | Advanced Musicianship Skills 1 |
| MUS 212 | Advanced Music Theory I 3 |
| MUS 300 | Concert Music III 1 |
| GE Area C3 | 3 |
| GE Area F | 3 |
| Upper Division Ensemble | 1 |
| Elective Course | 3 |
| MUS 486 | Music History III: 1880 to Contemporary (Satisfies GWAR Requirement) 3 |

| | |
|-------------------------|---|
| Hours | 18 |
| Spring | |
| MUS 206 | Advanced Musicianship Skills 1 |
| MUS 213 | Advanced Music Theory II 3 |
| MUS 300 | Concert Music III 1 |
| MUS 301 | Music In World Cultures 3 |
| or MUS 386 | or Music History I: Medieval to Renaissance |
| or MUS 485 | or Music History II: Baroque to Romantic |
| MUS 486 | Music History III: 1880 to Contemporary 3 |
| Upper Division Ensemble | 1 |

| | |
|-------------------------|---|
| Hours | 12 |
| Fourth Year | |
| Fall | |
| MUS 220 | Intermediate Voice Class 1 |
| MUS 301 | Music In World Cultures 3 |
| or MUS 386 | or Music History I: Medieval to Renaissance |
| or MUS 485 | or Music History II: Baroque to Romantic |
| MUS 316 | Instrumentation 3 |
| MUS 325 | Instrumental Conducting 3 |
| MUS 400 | Concert Music IV 1 |
| GE Area B5 or D3 | 3 |
| Upper Division Ensemble | 1 |

| | |
|-------------------------|---|
| Hours | 15 |
| Spring | |
| MUS 301 | Music In World Cultures 3 |
| or MUS 386 | or Music History I: Medieval to Renaissance |
| or MUS 485 | or Music History II: Baroque to Romantic |
| MUS 320 | Advanced Voice Class 1 |
| MUS 400 | Concert Music IV 1 |
| MUS 499 | Senior Project 3 |
| Upper Division Ensemble | 3 |
| GE Area B5 or D3 | 3 |
| Hours | 14 |
| Total Hours | 120 |

2-Year Roadmap

| Course | Title | Hours |
|-------------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area C3 | | 3 |
| GE Area C or D | | 3 |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 300 | Concert Music III | 1 |
| MUS 486 | Music History III: 1880 to Contemporary (Satisfies GWAR Requirement) | 3 |
| Upper Division Ensemble | | 1 |
| Elective Course | | 3 |
| Hours | | 18 |

| | | |
|-------------------------|---|---|
| Spring | | |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 300 | Concert Music III | 1 |
| MUS 301 | Music In World Cultures | 3 |
| MUS 486 | Music History III: 1880 to Contemporary | 3 |
| Upper Division Ensemble | | 1 |

| | |
|--------------|-----------|
| Hours | 12 |
|--------------|-----------|

| | | |
|--------------------|--|--|
| Second Year | | |
| Fall | | |

| | | |
|-------------------------|---|---|
| MUS 220 | Intermediate Voice Class | 1 |
| MUS 301 | Music In World Cultures 3 | |
| or MUS 386 | or Music History I: Medieval to Renaissance | |
| or MUS 486 | or Music History III: 1880 to Contemporary | |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| MUS 400 | Concert Music IV | 1 |
| Upper Division Ensemble | | 1 |
| GE Area B5 or D3 | | 3 |

| | |
|--------------|-----------|
| Hours | 15 |
|--------------|-----------|

| | | |
|-------------------------|---|---|
| Spring | | |
| MUS 301 | Music In World Cultures 3 | |
| or MUS 386 | or Music History I: Medieval to Renaissance | |
| or MUS 485 | or Music History II: Baroque to Romantic | |
| MUS 320 | Advanced Voice Class 1 | |
| MUS 400 | Concert Music IV 1 | |
| MUS 499 | Senior Project 3 | |
| Upper Division Ensemble | | 1 |
| Elective Course | | 3 |
| GE Area B5 or D3 | | 3 |

| | |
|--------------------|-----------|
| Hours | 15 |
| Total Hours | 60 |

Music Education Option

4-Year Roadmap

| Course | Title | Hours |
|-------------------------|--------------------------|-------|
| First Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| MUS 122 | Beginning Guitar Class | 1 |
| MUS 160 | Repertoire | 1 |
| MUS 180 | Individual Lessons | 1 |
| GE Area A2 I | | 3 |
| GE Area C or D | | 3 |
| GE Area E | | 3 |
| Lower Division Ensemble | | 1 |

| | |
|--------------|-----------|
| Hours | 16 |
|--------------|-----------|

| | | |
|-------------------------|-----------------------|---|
| Spring | | |
| MUS 160 | Repertoire | 1 |
| MUS 180 | Individual Lessons | 1 |
| POL 101 | American Institutions | 3 |
| GE Area A2 II | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area B4 | | 3 |
| Lower Division Ensemble | | 1 |

| | |
|--------------|-----------|
| Hours | 16 |
|--------------|-----------|

| | | |
|--------------------|--|---|
| Second Year | | |
| Fall | | |
| GE Area A1 | | 3 |
| GE Area B1 or B2 | | 3 |
| GE Area C or D | | 3 |

| | | |
|-------------------------|---------------------|---|
| MUS 106 | Musicianship Skills | 1 |
| MUS 112 | Music Theory I | 3 |
| MUS 260 | Repertoire | 1 |
| MUS 280 | Individual Lessons | 1 |
| Lower Division Ensemble | | 1 |

Hours **16**

Spring

| | | |
|-------------------------|--------------------------|---|
| MUS 106 | Musicianship Skills | 1 |
| MUS 113 | Music Theory II | 3 |
| MUS 220 | Intermediate Voice Class | 1 |
| MUS 260 | Repertoire | 1 |
| MUS 280 | Individual Lessons | 1 |
| GE Area A3 | | 3 |
| GE Area C or D | | 3 |
| Lower Division Ensemble | | 1 |

Hours **14**

Third Year**Fall**

| | | |
|-------------------------|--------------------------------|---|
| GE Area F | | 3 |
| GE Area C3 | | 3 |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 333 | Foundations in Music Education | 3 |
| MUS 360 | Repertoire | 1 |
| MUS 380 | Individual Lessons | 1 |
| MUS 445 | String Instruments | 1 |
| MUS 447 | Brass Instruments | 1 |
| Upper Division Ensemble | | 1 |

Hours **18**

Spring

| | | |
|---------|---|---|
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 213 | Advanced Music Theory II | 3 |
| MUS 301 | Music In World Cultures or MUS 386 or MUS 485 | 3 |
| MUS 320 | Advanced Voice Class | 1 |
| MUS 360 | Repertoire | 1 |
| MUS 380 | Individual Lessons | 1 |
| MUS 446 | Woodwind Instruments | 1 |
| MUS 486 | Music History III: 1880 to Contemporary (Satisfies GWAR Requirement) | 3 |

Upper Division Ensemble 1

Hours **15**

Fourth Year**Fall**

| | | |
|-------------------------|---|---|
| MUS 301 | Music In World Cultures or MUS 386 or MUS 485 | 3 |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| MUS 420 | | |
| MUS 460 | Repertoire | 1 |
| MUS 480 | Individual Lessons | 1 |
| Upper Division Ensemble | | 1 |
| GE Area B5 or D3 | | 3 |

Hours **15**

Spring

| | | |
|---------|---|---|
| MUS 301 | Music In World Cultures or MUS 386 or MUS 485 | 3 |
| MUS 421 | Instrumental Methods: MUS ED | 3 |
| MUS 433 | Contemporary Pedagogy | 3 |
| MUS 441 | Marching Band Techniques | 1 |

| | | |
|-------------------------|------------------------|---|
| MUS 448 | Percussion Instruments | 1 |
| MUS 460 | Repertoire | 1 |
| MUS 480 | Individual Lessons | 1 |
| MUS 493 | Recital | 1 |
| Upper Division Ensemble | | 1 |
| GE Area B5 or D3 | | 3 |

Hours **18**

Total Hours **128**

2-Year Roadmap

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year**Fall**

| | | |
|-------------------------|--------------------------------|---|
| GE Area C3 | | 3 |
| GE Area C or D | | 3 |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 333 | Foundations in Music Education | 3 |
| MUS 360 | Repertoire | 1 |
| MUS 380 | Individual Lessons | 1 |
| MUS 445 | String Instruments | 1 |
| MUS 447 | Brass Instruments | 1 |
| Upper Division Ensemble | | 1 |

Hours **18**

Spring

| | | |
|-------------------------|---|---|
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 213 | Advanced Music Theory II | 3 |
| MUS 301 | Music In World Cultures or MUS 386 or MUS 485 | 3 |
| MUS 320 | Advanced Voice Class | 1 |
| MUS 360 | Repertoire | 1 |
| MUS 380 | Individual Lessons | 1 |
| MUS 446 | Woodwind Instruments | 1 |
| MUS 486 | Music History III: 1880 to Contemporary | 3 |
| Upper Division Ensemble | | 1 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |

Hours **18**

Second Year**Fall**

| | | |
|-------------------------|---|---|
| MUS 301 | Music In World Cultures or MUS 386 or MUS 485 | 3 |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| MUS 420 | | |
| MUS 460 | Repertoire | 1 |
| MUS 480 | Individual Lessons | 1 |
| GE Area B5 or D3 | | 3 |
| Upper Division Ensemble | | 1 |

Hours **15**

Spring

| | | |
|------------------|---|---|
| MUS 301 | Music In World Cultures or MUS 386 or MUS 485 | 3 |
| MUS 421 | Instrumental Methods: MUS ED | 3 |
| MUS 433 | Contemporary Pedagogy | 3 |
| MUS 441 | Marching Band Techniques | 1 |
| MUS 448 | Percussion Instruments | 1 |
| MUS 460 | Repertoire | 1 |
| MUS 480 | Individual Lessons | 1 |
| MUS 493 | Recital | 1 |
| GE Area B5 or D3 | | 3 |

| | |
|-------------------------|-----------|
| Upper Division Ensemble | 1 |
| Hours | 18 |
| Total Hours | 69 |

Music Performance Option

4-Year Roadmap

| Course | Title | Hours |
|-----------------------|--|-----------|
| First Year | | |
| Fall | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| MUS 160 | Repertoire | 1 |
| MUS 180 | Individual Lessons | 1 |
| MUS 173 or MUS 178 | Jazz Ensemble or Guitar Ensemble | 1 |
| GE Area A1 | | 3 |
| GE Area B4 | | 3 |
| GE Area E | | 3 |
| Hours | | 15 |

| | | |
|-----------------------|-------------------------------------|-----------|
| Spring | | |
| MUS 160 | Repertoire | 1 |
| MUS 180 | Individual Lessons | 1 |
| MUS 173 or MUS 178 | Jazz Ensemble or Guitar Ensemble | 1 |
| GE Area A2 | | 3 |
| GE Area A3 | | 3 |
| GE Area D1 | | 3 |
| GE Area F | | 3 |
| Hours | | 15 |

| | | |
|-----------------------|--|-----------|
| Second Year | | |
| Fall | | |
| HIS 101 or POL 101 | History Of United States or American Institutions | 3 |
| MUS 106 | Musicianship Skills | 1 |
| MUS 113 | Music Theory II | 3 |
| MUS 183 | Piano I | 1 |
| MUS 220 | Intermediate Voice Class | 1 |
| MUS 260 | Repertoire | 1 |
| MUS 280 | Individual Lessons | 1 |
| MUS 273 or MUS 278 | Jazz Ensemble or Guitar Ensemble | 1 |
| GE Area A3 | | 3 |
| GE Area B1 | | 3 |
| Hours | | 18 |

| | | |
|-----------------------|-------------------------------------|-----------|
| Spring | | |
| MUS 106 | Musicianship Skills | 1 |
| MUS 113 | Music Theory II | 3 |
| MUS 184 | Piano II | 1 |
| MUS 220 | Intermediate Voice Class | 1 |
| MUS 260 | Repertoire | 1 |
| MUS 273 or MUS 278 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 280 | Individual Lessons | 1 |
| GE Area B2 | | 3 |
| GE Area B3 | | 1 |
| GE Area C3 | | 3 |
| Hours | | 16 |

| | | |
|-------------------|------------------------------|---|
| Third Year | | |
| Fall | | |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 301 | Music In World Cultures | 3 |

| | | |
|-----------------------|-------------------------------------|---|
| MUS 316 | Instrumentation | 3 |
| MUS 360 | Repertoire | 1 |
| MUS 373 or MUS 378 | Jazz Ensemble or Guitar Ensemble | 1 |
| GE Area D4 | | 3 |

Hours 15

| | | |
|-----------------------|--|---|
| Spring | | |
| MUS 213 | Advanced Music Theory II | 3 |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 360 | Repertoire | 1 |
| MUS 373 or MUS 378 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 380 | Individual Lessons | 1 |
| MUS 386 | Music History I: Medieval to Renaissance | 3 |
| MUS 486 | Music History III: 1880 to Contemporary (GWAR Satisfying Course) | 3 |
| GE Area D3 | | 3 |

Hours 16

| | | |
|-----------------------|---------------------------------------|---|
| Fourth Year | | |
| Fall | | |
| MUS 325 | Instrumental Conducting | 3 |
| MUS 460 | Repertoire | 1 |
| MUS 473 or MUS 478 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 480 | Individual Lessons | 1 |
| MUS 485 | Music History II: Baroque to Romantic | 3 |
| MUS 493 | Recital | 1 |
| GE Area D2 | | 3 |
| GE Area B5 or D3 | | 3 |

Hours 16

| | | |
|-----------------------|---|---|
| Spring | | |
| MUS 460 | Repertoire | 1 |
| MUS 473 or MUS 478 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 480 | Individual Lessons | 1 |
| MUS 486 | Music History III: 1880 to Contemporary | 3 |
| MUS 493 | Recital | 1 |
| GE Area B5 or D3 | | 3 |
| Elective Course | | 3 |
| Elective Course | | 3 |
| Elective Course | | 2 |

Hours 18

Total Hours 129

¹ Proficiency and/or placement exams are required in Musicianship, Theory, and Piano. Depending on entrance exam results, 100-level theory, musicianship, and piano may be required to prepare students for 200 and 300-level courses. Please contact department chair for details.

2-Year Roadmap

| Course | Title | Hours |
|-----------------------|-------------------------------------|-------|
| First Year | | |
| Fall | | |
| MUS 183 | Piano I | 1 |
| MUS 212 | Advanced Music Theory I | 3 |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 220 | Intermediate Voice Class | 1 |
| MUS 360 | Repertoire | 1 |
| MUS 373 or MUS 378 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 283 | Piano III | 3 |

| | | |
|--|--|-----------|
| MUS 380 | Individual Lessons | 1 |
| MUS 486 | Music History III: 1880 to Contemporary (GWAR Satisfying Course) | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 17 |
| Spring | | |
| MUS 184 | Piano II | 1 |
| MUS 206 | Advanced Musicianship Skills | 1 |
| MUS 213 | Advanced Music Theory II | 3 |
| MUS 360 | Repertoire | 1 |
| MUS 373 or MUS 378 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 380 | Individual Lessons | 1 |
| MUS 386 | Music History I: Medieval to Renaissance | 3 |
| GE Area B5 or D3 | | 3 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| MUS 316 | Instrumentation | 3 |
| MUS 325 | Instrumental Conducting | 3 |
| MUS 460 | Repertoire | 1 |
| MUS 473 or MUS 478 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 480 | Individual Lessons | 1 |
| MUS 485 | Music History II: Baroque to Romantic | 3 |
| MUS 493 | Recital | 1 |
| GE Area C3 | | 3 |
| Hours | | 16 |
| Spring | | |
| MUS 301 | Music In World Cultures | 3 |
| MUS 460 | Repertoire | 1 |
| MUS 473 or MUS 478 | Jazz Ensemble or Guitar Ensemble | 1 |
| MUS 480 | Individual Lessons | 1 |
| MUS 486 | Music History III: 1880 to Contemporary | 3 |
| MUS 493 | Recital | 1 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Total Hours | | 62 |

¹ Proficiency and/or placement exams are required in Musicianship, Theory, and Piano. Depending on entrance exam results, 100-level theory, musicianship, and piano may be required to prepare students for 200 and 300-level courses. Please contact department chair for details.

Negotiation, Conflict Resolution and Peacebuilding

College of Arts and Humanities

Program Description

The Negotiation, Conflict Resolution, and Peacebuilding Program involves a comprehensive study of applied methods, theory, and research and a choice of various electives covering a wide range of applicable subjects. This degree program is beneficial for those who work in the following professions: counseling, law enforcement, teaching, social work, therapy, benefit labor, human resources, management government, community organizing, lobbying, foreign service, and the military, as well

as international business and peace organizations. The Master of Arts and Certificate also are offered online through distance learning delivery.

Undergraduate Features

The Bachelor of Arts in Negotiation, Conflict Resolution, and Peacebuilding is designed to be an interdisciplinary, thoroughly intercultural, Undergraduate Degree Program that emphasizes

1. intercultural communication,
2. the role of women in culture,
3. mediation, and
4. the unique perspectives, fundamentals, theories, and research methods the field.

The NCRP program has a joint 3+3 option/concentration with ABA accredited Southwestern Law School. Students electing the "3+3" modified program will be advised during their first year concerning program requirements.

Graduate Admission Requirements

Individuals with a bachelor's degree in any major and a GPA of 3.0 or above (4-point scale) in the last 60 semester or 90 quarter units of upper division course work from any accredited college or university may apply for admission to the degree program with classified status. Individuals with a master's degree in conflict resolution (or a closely related area or a JD) from any accredited college or university may apply for admission to the post-master's certificate program. All applicants must submit the standard admission application by July 15. A 500-word biographical essay and three letters of recommendation are required. The biographical statement and letters of recommendation must address:

1. what in the applicant's background indicates this subject matter and academic rigor is appropriate for this applicant;
2. why the applicant desires this degree or certificate; and
3. what does the applicant plan to do with this degree or certificate once obtained.

The biographical essay and letters of recommendation should be forwarded to the program director. Applicants will be selected to fill the vacancies in the program on the basis of grade point average (if applicable) and an evaluation of the biographical statement and letters of recommendation. Furthermore, the applicant may be required to participate in an oral interview. There is an opportunity to pursue a joint JD/MA in cooperation with Southwestern Law School. Students interested in pursuing this opportunity should consult with the program director prior to commencement of their first semester as a graduate student.

Program

Once admitted, students must complete their program (degree or certificate) with a grade point average of at least 3.0. All courses used to fulfill the requirements for the master's degree or the certificate must be passed with a grade of "B" or better. Subject to approval of the program director, no more than 10 units total can be included from other departments or universities, or be completed prior to formal admission to the master's degree program and 5 units for the post-master's certificate. Students must be in continuous attendance as defined elsewhere in this University Catalog. No course completed as part of another degree, and

no course completed more than 5 years before the date of graduation date, can be included toward the master's degree or certificate.

Each year the entering class for the degree or certificate program will be placed in a cohort for on-campus education and a cohort for distance learning delivery.

Students for the master's degree must meet the Graduation Writing Assessment Requirement (GWAR) by scoring 8 or above on University Graduation Writing Examination (GWE) or by earning at least a "B" in an approved course as described in the University Catalog. This requirement must be satisfied during the first semester in the program in order to continue in the program.

All other university requirements specified in this University Catalog must be met (see the Graduate Degrees and Postbaccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>) section).

Credit by Examination

Courses in the Negotiation, Conflict Resolution and Peacebuilding Program depend to a large degree on simulations, team learning, discussion, and papers growing out of these experiences. Therefore, credit by examination is not available. This is a rigorous program and should not be undertaken without a commitment to superior oral and written work product.

Graduation

Students must complete a Graduation Application (available from the Registrar) and a Program Approval Form (available from the program office) according to the deadlines given in the graduate section of this University Catalog under "Application for Graduation". The Program Approval Form specifies the courses to be counted toward graduation, and insures that all students are Classified and Advanced to Candidacy. This applies to both the master's degree and the post-master's certificate programs.

Advising

Full-time faculty members serve as academic advisors for NCRP majors. Students are strongly encouraged to seek faculty advisement upon admission and regularly thereafter. Faculty advisors work with students to provide information about program requirements, preparation for post-baccalaureate programs, and career options.

The Negotiation, Conflict Resolution and Peacebuilding Student and Alumni Association provides a means for students and alumni of the program to exchange ideas and job information and to extend their social and professional contacts. Students are strongly encouraged to join and participate.

Undergraduate Programs

Bachelor

- Negotiation, Conflict Resolution and Peacebuilding, Bachelor of Arts (p. 715)

Graduate Programs

Certificate

- Conflict Analysis and Resolution, Post-Master's Certificate (p. 714)

Master

- Negotiation, Conflict Resolution and Peacebuilding, Master of Arts (p. 716)

Faculty

Brian Jarrett, Program Director

Nancy D. Erbe

Emeriti Faculty

David A. Churchman, David Nasatir, A. Marco Turk

Program Office: LIB 5515, (310) 243-3237

Courses

NCR 190. Seminar: Negotiation Theory. (3 Units)

Negotiation Theory will be presented through consideration of the game and other theories used in bargaining at all levels of society, so that the student will understand why negotiation is the underlying art in human affairs. Students will acquire the ability to appropriately select and apply tools of negotiation to conflict resolution and peacebuilding in order to achieve personal, community, national and international goals.

Offered As needed

NCR 289. Key Issues in Peacebuilding. (3 Units)

Introduction to theories of peace, conflict and violence. Emphasis is on interdisciplinary character of peacebuilding and application of theories and methods. Students gain understanding of nature of social conflict, causes of violence and the meanings of peacebuilding at all levels.

Offered Fall

NCR 290. Intro to Negotiation Theory. (3 Units)

Prerequisites: Sophomore standing and instructor approval.

Consideration of theories used in bargaining at all levels of society to understand why negotiation is the underlying art in human affairs. Students will acquire ability to appropriately select and apply tools on negotiation to conflict resolution and peacebuilding.

Offered Infrequent

NCR 291. Psychology of Peacebuilding. (3 Units)

Examines how psychological processes, cognitive and emotional, individual and collective, combine with external factors in causing violence. How these psychological insights can help prevent and resolve violent conflicts is examined through consideration of peacebuilding approaches.

Offered Spring

NCR 294. Independent Study in NCR. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.

Offered Infrequent

NCR 296. Undergraduate Internship: Peacebuilding I. (3 Units)

Prerequisite: Consent of instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities.

Offered Infrequent

NCR 387. Environment and Peacebuilding. (3 Units)

Peacebuilding and conflict transformation combine with ecology in an effort to reconsider the human relationship system as it combines with our environment. Explores how society might foster environmental improvements and sustainable development to achieve successful peacebuilding goals.

Offered Fall

NCR 390. Fundamentals of Conflict Resolution and Peacebuilding. (3 Units)

Prerequisite: NCR 290. Introduction to fundamentals involved with interdisciplinary conflict resolution and peacebuilding. Emphasis on ways the arts and humanities shape and form its ethics and methods. Issues like truth and cultural perspective-taking will be explored along with storytelling narrative; creativity/imagination.

Offered Fall, Spring

NCR 391. Restorative Justice. (3 Units)

Restorative arts and healing within conflict resolution encourages those who have harmed another to repair their harm. Victims, including affected community, receive opportunity to encounter offender, ask questions and share how they have been harmed. Restorative Discipline included.

Offered Fall

NCR 394. Independent Study in NCRP. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.

Offered Infrequent

NCR 396. Undergraduate Internship: Peacebuilding II. (3 Units)

Prerequisite: Consent of instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities.

Offered Infrequent

NCR 405. Research Methods: NCRP. (3 Units)

Prerequisites: NCR 290 and NCR 390. Instructs in strategic research approaches used to develop new tools, methods or projects for analysis emphasizing theoretical, analytical, research and practical skills in writing and critical thinking in the field of negotiation, conflict resolution and peacebuilding.

Offered Fall

NCR 410. NCRP Pedagogy. (3 Units)

Prerequisite: Requires approval of program director. Addresses emerging practice of conflict resolution in cyberspace. ODR utilizes online resources as the fourth party collaborating with the traditional third party in resolving conflicts more efficiently and less expensively.

Offered Spring

NCR 490. Capstone Course: NCRP. (3 Units)

Prerequisites: NCR 290, NCR 390, NCR 405 and NCR 410. Community service learning utilizing outside internships (120 hours) plus weekly class sessions (75 minutes each). Internship will include successful completion of 25-hour mediation skills and techniques training. Requires demonstration of ability to negotiate and resolve disputes.

Offered Spring

NCR 494S. Independent Study in NCRP. (1-3 Units)

Prerequisites: Consent of the instructor Independent study of particular topics in the subject area under the direction of a member of the subject department faculty. Repeatable course.

Offered Infrequent

NCR 495. Special Topics in Negotiation, Conflict Resolution and Peacebuilding. (3 Units)

Prerequisite: Approval of Program Director. Intensive study of an issue, concept, theme or method in Negotiation, Conflict Resolution & Peacebuilding. May be taken for credit only once for the major.

Repeatable course.

Offered As needed

NCR 496. Undergraduate Intern: Peacebuilding III. (3 Units)

Prerequisite: Consent of instructor, restricted to majors. Under the direction of the internship faculty associate, students work in various approved internship opportunities.

Offered Infrequent

NCR 500. NCRP Skills Concepts & Tools. (3 Units)

Determining specific purpose and key issues when negotiating, resolving conflict, and building peace. Effective application when reading, writing, speaking, and listening. Questioning information, conclusions, and points of view with clarity, accuracy, precision and relevance. Thinking beyond the box with fairness and logic.

Offered Fall

NCR 503. Ethics of NCRP. (3 Units)

Prerequisite: NCR 500. Examines individual group values and perspectives in relation to negotiation, conflict resolution and peacebuilding processes, with special emphasis on analyzing third party intervener's ethical responsibilities and dilemmas. Case studies used to examine and formulate ethical approaches to critical issues.

Offered Spring

NCR 504. Theories of Conflict. (3 Units)

Prerequisite: NCR 500. Critical analysis of conflict theories and models among individuals, organizations and governments; exploring causes, functions and effects. Perspectives from anthropology, archaeology, biology, communications, economics, gender studies, geography, history,

Offered Fall

NCR 507. Sem. Res Desig/Intrepret. (3 Units)

Prerequisite: NCR 500, 503 and 504. Considers various research methods to be used in negotiation, conflict resolution and peacebuilding. Covers research design and the tools needed to conduct basic independent research. Students develop a compelling research proposal addressing questions of importance to them.

Offered Spring

NCR 508. Communication and Conflict. (3 Units)

Prerequisite: NCR 500, 503 and 504. Emphasizes human communication in context of conflict. Addresses challenges to effective communication caused by interpersonal, intrapersonal, intergroup or intragroup conflict, and role of communication in resolving such conflicts. Concentrates on methods of communication most effective in dealing with differences.

Offered Fall

NCR 522. Negotiation Tactics. (3 Units)

Prerequisite: NCR 500, 503 and 504. Tactics used in negotiations among individuals, institutions, and societies. Planning and conducting personal, corporate, labor, hostage, and diplomatic negotiations. Cross-cultural, ethical, and historical dimensions.

Offered Spring

NCR 525. Mediation. (3 Units)

Prerequisites: NCR 500, 503, 504, NCR 508, and NCR 522. Theory and skills including requirements for certification under the California Dispute Resolution Programs Act, especially agreement procedures, case development, consensus building, issue framing and prioritizing, orientations toward conflict, and record keeping.
Offered Spring

NCR 527. Arbitration. (3 Units)

Prerequisites: Approval of program director. Compulsory and noncompulsory arbitration of grievances in public, private, corporate, labor, and international disputes. Case studies explore the arbitration role in unique settings.
Offered Fall

NCR 529. Conflict Res Internship. (3 Units)

Prerequisites Requires approval of program director. Students will work as interns in agencies in negotiation, conflict resolution and/or peacebuilding, and will consult weekly with a faculty supervisor. A total of 120 hours of agency internship experience will be required to successfully complete the course. An internship for the Post-NCRP MA Certificate may not be the same as the internship used by the student for NCR 529 as part of the NCRP MA Degree Program.
Offered Infrequent

NCR 530. Online Dispute Resolution. (3 Units)

Examines cases of health care providers who may find that they are involved in disputes related to their profession. Considers potential categories of legal conflict in the health care industry from three sources of conflict: providers, payers, and producers.
Offered Fall

NCR 531. Marital & Family Mediation. (3 Units)

Prerequisite: Requires approval of program director. Separation problems in traditional and nontraditional relationships such as property division and child custody. Legal, tax, and financial aspects. The mediation process. Written and oral agreements.
Offered Fall

NCR 532. Dispute Resolution Clinic. (3 Units)

Prerequisite: Requires approval of program director. Provides a forum in which all students, staff, and faculty can creatively process and resolve conflict rather than allowing hostilities to build toward violence or adjudication. Each semester, conducts a basic mediation skills training for campus and surrounding communities.
Offered Infrequent

NCR 533. Labor Conflict. (3 Units)

Prerequisite: Requires approval of program director. Case and historical studies in selected industries. Past, present, and pending court decisions or national and state labor laws. Strategic planning for labor organizations. The process of negotiating a labor contract. Grievance and arbitration procedures.
Offered Fall

NCR 535. Organizational Conflict. (3 Units)

Prerequisite: Approval of program director. Origin and types of conflicts which arise within and between complex organizations. Positive and negative effects of Organizational conflict. Exploiting, preventing, containing, escalating, and resolving conflict.
Offered Fall

NCR 536. Dispute Resolution for Sports. (3 Units)

Prerequisite: Approval of program director. Examines sports law and dispute resolution utilizing particularly the processes of arbitration and mediation. Focuses on players, owners, agents and unions, as well as other areas of conflict such as free agency and player attitude and disloyalty.
Offered Spring

NCR 537. International NCRP. (3 Units)

Prerequisite: Approval of program director. Study of selected international conflicts involving complex issues such as culture, ethnicity, politics and religion. Considers common misconceptions concerning diplomacy. Encourages students to appreciate approaches to negotiation, conflict resolution and peacebuilding as vehicles for successful grassroots impact on peace efforts.
Offered Spring

NCR 538. Sem: Public Policy Conflict. (3 Units)

Prerequisites: NCR 504, NCR 507, NCR 508, NCR 522, NCR 525 and NCR 544. Considers constructive and timely approaches to resolving conflicts arising over use, conservation, and restoration of environment, natural resources, and public lands. Examines basic principles, mechanisms and strategies for engaging federal agencies in effective environmental conflict resolution and collaborative problem solving.
Offered Spring

NCR 540. Sem: Community Conflict. (3 Units)

Prerequisite: Requires approval of program director. The impact of system dynamics on conflict management in communities from neighborhoods to nations. Implications of system dynamics for specifying goals and planning interventions to achieve them, from pre-emptive to corrective. Implications for training and organization.
Offered Fall

NCR 541. Restorative Justice&Peacebldng. (3 Units)

Prerequisite: Requires approval of program director. Addresses respective needs of crime victims and offenders ignored by criminal justice system and international community. Retribution abandoned in favor of restorative model based on needs of victims, offenders and community, achieved through application of conflict resolution and peacebuilding processes.
Offered Fall

NCR 542. Collaborative Law. (3 Units)

Prerequisite: Requires approval of program director. Lawyers' and clients' cooperative voluntary conflict resolution process. Emphasizes shared belief that it is in best interest of parties to avoid adversarial proceedings. Commitment to resolving differences with minimal conflict and working together to create shared solutions to the issues.
Offered Spring

NCR 543. Conflict Resolution in Schools. (3 Units)

Prerequisite: Requires approval of program director. Practical strategies to teach students to be peacemakers to reduce violence in schools. Discusses how schools can create cooperative learning environment where students learn how to negotiate and mediate peer conflicts and teachers use academic controversies to enhance learning.
Offered Fall

NCR 544. ADR Processes. (3 Units)

Prerequisites: NCR 500, NCR 503 and NCR 504. Surveys a variety of process choices in dispute resolution. Recognizing that litigation may not be appropriate in many cases. Course examines alternatives such as negotiation, mini-trial, mediation, panel evaluation, summary jury trial, private judging, arbitration, and use of special masters.
Offered Spring

NCR 545. Intercultural Conflict. (3 Units)

Prerequisite: Requires approval of program director. Presents overview of intercultural communication negotiation and conflict resolution.

Emphasizes understanding of values of intercultural as well as interreligious diversity in our increasingly interdependent world, nation and local communities. Encourages awareness of cultural perspective and socialization.

Offered Fall

NCR 546. Conflict and the Media. (3 Units)

Prerequisite: Requires approval program director. Examines the role of mass media in conflict resolution and peacebuilding, and its influence on world's most intractable conflicts as well as support of peace initiatives. Considers how media can serve as part of the problem or part of the solution.

Offered Infrequent

NCR 547. Negotiation International Ethnic Conflict. (3 Units)

Examines basic considerations regarding negotiating ethnic conflict that present a challenge to those involved in negotiation, conflict resolution and peacebuilding. Explores relevance of negotiation theory to improvement, mangement, and resolution of these disputes by studying selected international conflicts.

Offered Fall, Spring

NCR 548. Health Care Dispute Resolution. (3 Units)

Prerequisite: 6 units in LD Philosophy or department consent. An introduction to philosophical methods, research and dialogue in order to improve students' skills at writing and analysis. Topics to be covered will address some central area or areas of philosophy and will vary from year to year.

Offered Spring

NCR 549. Critical Peacebuilding. (3 Units)

Considers the many and profound interconnections between conflict, development and peace. Examines high levels of violent protracted conflict and inexcusable and rising levels of poverty and inequality - two phenomena that are often found together intermingling in complex ways.

Offered Fall

NCR 591. Seminar: NCR Capstone Course. (3 Units)

Prerequisites: All required and elective courses. Course is designed to enable students to demonstrate integration of knowledge of the field and critical and independent thinking. Preparation and delivery (oral and written) of culminating event under supervision of instructor. Faculty approval of written portfolio and successful oral defense required for graduation. CR grade insufficient by itself. CR/NC grading. Repeatable for six units.

Offered Spring

NCR 594. Independent Study. (1-4 Units)

Prerequisites: Consent of Department Chair. Independent study undertaken under the supervision of a faculty member. Repeatable course.

Offered As needed

NCR 595. Special Topics. (1-3 Units)

Prerequisite: Requires approval of program director. Study of a current topic in Negotiation, Conflict Resolution and Peacebuilding. Repeatable for total of six units.

Offered Fall, Spring

NCR 597. Directed Reading in Negotiation, Conflict Resolution and Peacebuilding. (3 Units)

In consultation with a faculty member, completion of readings for orientation to a little known topic; or as background for writing a thesis proposal (the concept for which has previously been approved by the NCR program director). CR/NC grading. Repeatable for a total of six units.

Offered Fall, Spring

NCR 598. Directed Research. (3 Units)

Prerequisites: Requires approval of program director. Conduct of pilot studies, development of research instruments, or similar independent research in preparation for the thesis, under the supervision of a faculty member in any area of Negotiation, Conflict Resolution and Peacebuilding. CR/NC grading.

Offered Fall, Spring

NCR 599. Thesis or Project. (1-3 Units)

Prerequisites: Requires approval of program director. In consultation with a faculty member, writing of a master's thesis in Negotiation, Conflict Resolution and Peacebuilding that has previously been approved by the NCR program director. Then, if thesis approved by faculty and oral defense successful, three units replace NCR 591 as culminating event. CR grade insufficient by itself. Choice of area requires prior approval of NCR program director. CR/NC grading.

Offered Fall, Spring

NCR 600S. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their culminating event or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program director required.

Offered Fall, Spring

Conflict Analysis and Resolution, Post-Master's Certificate

The certificate program is designed for graduates of the NCRP MA Degree program (or a closely related field), or law graduates interested in developing specialized skills useful in their field of choice for specialization through advanced comprehensive understanding of their topic or in further graduate work.

The certificate program is designed for graduates of the NCRP MA Degree program (or a closely related field), or law graduates interested in developing specialized skills useful in their field of choice for specialization through advanced comprehensive understanding of their topic or in further graduate work.

Requirements

| Code | Title | Hours |
|--|--|-------|
| NCR 529 | Conflict Res Internship ^{1,2} | 3 |
| Select 12 units from the following: ¹ | | 12 |
| NCR 525 | Mediation | |
| NCR 527 | Arbitration | |
| NCR 530 | Online Dispute Resolution | |
| NCR 531 | Marital & Family Mediation | |
| NCR 532 | Dispute Resolution Clinic | |
| NCR 533 | Labor Conflict | |
| NCR 535 | Organizational Conflict | |
| NCR 536 | Dispute Resolution for Sports | |
| NCR 537 | International NCRP | |

| | |
|---------|--|
| NCR 538 | Sem: Public Policy Conflict |
| NCR 540 | Sem: Community Conflict |
| NCR 541 | Restorative Justice&Peacebldng |
| NCR 542 | Collaborative Law |
| NCR 543 | Conflict Resolution in Schools |
| NCR 544 | ADR Processes |
| NCR 545 | Intercultural Conflict |
| NCR 546 | Conflict and the Media |
| NCR 595 | Special Topics ³ |
| MFT 580 | Sociocultural Diversity & Marginalized Communities |
| MFT 584 | Law, Ethics, and Professional Practices |

Total Hours 15

¹ With the exception of NCR 529 Conflict Res Internship, no course taken as part of the NCRP MA degree may be taken again for the NCRP post-master's certificate.

² With respect to NCR 529 Conflict Res Internship, the same internship used for the course as part of the NCRP MA degree may not be used for the certificate.

³ Offered as an optional course tailored to a student's specific interests on a selected basis, no one topic to exceed six units.

Negotiation, Conflict Resolution and Peacebuilding, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (48 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree:

| Code | Title | Hours |
|-----------------------------|-----------------------------|-------|
| Required NCR Courses | | |
| NCR 289 | Key Issues in Peacebuilding | 3 |
| NCR 290 | Intro to Negotiation Theory | 3 |
| NCR 291 | Psychology of Peacebuilding | 3 |

| | | |
|---------|---|---|
| NCR 387 | Enviornment and Peacebuilding | 3 |
| NCR 390 | Fundamentals of Conflict Resolution and Peacebuilding | 3 |
| NCR 405 | Research Methods: NCRP | 3 |
| NCR 410 | NCRP Pedagogy | 3 |
| NCR 490 | Capstone Course: NCRP | 3 |

Interdisciplinary Courses

| | | |
|---------|---|---|
| ANT 338 | Mainland Southeast Asia | 3 |
| ANT 339 | Mexico and Central America | 3 |
| PHI 383 | Comparative Religions | 3 |
| POL 371 | Conflict, Violence, Nonviolence and Peace | 3 |
| SOC 331 | Minority Racial and Ethnic Relations | 3 |
| SOC 334 | Women In Society | 3 |
| SOC 335 | Social Movements | 3 |
| SOC 362 | Gangs and Adolescent Subcultures | 3 |

Total Hours 48

United States History, Constitution and American Ideals Requirement (6 units)

See the "United States History, Constitution, and American Ideals" requirements in the University Catalog. Courses under General Education Area D will satisfy this requirement.

Program Learning Outcomes

- Demonstrate an understanding of the contributions of African Studies, Anthropology, Asian Pacific Studies, Chicana/o Studies, Economics, Philosophy, Sociology (including gender studies), Peace Conflict Studies, and courses in Dance, Labor Studies, Music, Political Science, Psychology and other applicable similar disciplines to the field of negotiation, conflict resolution and peacebuilding.
- Demonstrate the ability to bring ethnic, cultural, religious, creative, critical, ethical, historical, and humanitarian understanding to problem solving in this new millennium
- Demonstrate the ability to appropriately select and apply tools of negotiation to conflict resolution and peacebuilding in order to achieve personal, community, national and international goals.
- Demonstrate, as a conflict participant, the ability to negotiate through mediation a peaceful resolution that meets or exceeds predetermined goals# and, as a neutral, the ability to mediate to bring two or more parties to a successful peaceful agreement.
- Demonstrate the ability to find, read, understand, and objectively as well as critically evaluate educational materials concerning specific conflicts and their causes.
- Demonstrate the ability to find, read, understand, and objectively as well as critically evaluate educational materials concerning specific conflicts and their causes.
- Demonstrate the ability to integrate theoretical, analytical, research and practical skills by analyzing the sources and dynamics of specific conflicts
- Demonstrate the ability to research and write clear, concise, coherent, and correct prose, evidencing critical thinking at the undergraduate level.

NCRP Degree Roadmap

4- Year Roadmap

First Year

| Fall | Hours |
|--|-----------|
| GE Area A2 Composition I | 3 |
| HIS 101 History Of United States | 3 |
| POL 101 American Institutions | 3 |
| GE Area C1 Arts Courses | 3 |
| GE Area E Lifelong Learning and Self-Development | 3 |
| Hours | 15 |

Spring

| | |
|--|-----------|
| GE Area A2 Composition II | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B4 Quantitative Reasoning | 3 |
| GE Area C2 Letters Course | 3 |
| Additional GE in Area C1 or C2 | 3 |
| Hours | 15 |

Second Year

| Fall | Hours |
|--|-----------|
| GE Area A1 Oral Communication | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 3 |
| NCR 289 Key Issues in Peacebuilding | 3 |
| NCR 290 Intro to Negotiation Theory | 3 |
| Hours | 15 |

Spring

| | |
|---------------------------------------|-----------|
| GE Area A3 Logic/Critical Thinking | 3 |
| GE Area F Ethnic Studies | 3 |
| NCR 291 Psychology of Peacebuilding | 3 |
| ANT 339 Mexico and Central America | 3 |
| NCR 387 Environment and Peacebuilding | 3 |
| Hours | 15 |

Third Year

| Fall | Hours |
|---|-----------|
| SOC 331 Minority Racial and Ethnic Relations | 3 |
| NCR 390 Fundamentals of Conflict Resolution and Peacebuilding | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| ANT 338 Mainland Southeast Asia | 3 |
| ENG 350 Advanced Composition (GWAR satisfying course) | 3 |
| Hours | 15 |

Spring

| | |
|---|-----------|
| POL 371 Conflict, Violence, Nonviolence and Peace | 3 |
| NCR 405 Research Methods: NCRP | 3 |
| SOC 334 Women In Society | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Hours | 15 |

Fourth Year

| Fall | Hours |
|---|-----------|
| SOC 335 Social Movements | 3 |
| GE Area D2 Global and Historical Perspectives | 3 |
| NCR 410 NCRP Pedagogy | 3 |
| PHI 383 Comparative Religions | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |

Spring

| | |
|---|---|
| NCR 490 Capstone Course: NCRP | 3 |
| SOC 362 Gangs and Adolescent Subcultures | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |

| | |
|----------------------------|------------|
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

First Year

| Fall | Hours |
|---|-----------|
| SOC 331 Minority Racial and Ethnic Relations | 3 |
| NCR 390 Fundamentals of Conflict Resolution and Peacebuilding | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| ANT 338 Mainland Southeast Asia | 3 |
| ENG 350 Advanced Composition (GWAR satisfying course) | 3 |
| Hours | 15 |

Spring

| | |
|--|-----------|
| POL 371 Conflict, Violence, Nonviolence and Peace | 3 |
| NCR 405 Research Methods: NCRP | 3 |
| SOC 334 Women In Society | 3 |
| Elective to meet 120 units | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Hours | 15 |

Second Year

| Fall | Hours |
|---|-----------|
| SOC 335 Social Movements | 3 |
| NCR 410 NCRP Pedagogy | 3 |
| PHI 383 Comparative Religions | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |

Spring

| | |
|--|-----------|
| NCR 490 Capstone Course: NCRP | 3 |
| SOC 362 Gangs and Adolescent Subcultures | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 60 |

Negotiation, Conflict Resolution and Peacebuilding, Master of Arts

Requirements

| Code | Title | Hours |
|---|------------------------------|-------|
| Required Courses | | |
| NCR 500 | NCRP Skills Concepts & Tools | 3 |
| NCR 503 | Ethics of NCRP | 3 |
| NCR 504 | Theories of Conflict | 3 |
| NCR 507 | Sem. Res Desig/Intrepret | 3 |
| NCR 508 | Communication and Conflict | 3 |
| NCR 522 | Negotiation Tactics | 3 |
| NCR 525 | Mediation | 3 |
| NCR 544 | ADR Processes | 3 |
| Electives | | |
| Select three or four courses from the following: ¹ | | 9-12 |
| NCR 527 | Arbitration | |
| NCR 529 | Conflict Res Internship | |

| | |
|---|--|
| NCR 530 | Online Dispute Resolution |
| NCR 531 | Marital & Family Mediation |
| NCR 532 | Dispute Resolution Clinic |
| NCR 533 | Labor Conflict |
| NCR 535 | Organizational Conflict |
| NCR 536 | Dispute Resolution for Sports |
| NCR 537 | International NCRP |
| NCR 538 | Sem: Public Policy Conflict |
| NCR 540 | Sem: Community Conflict |
| NCR 541 | Restorative Justice&Peacebldng |
| NCR 542 | Collaborative Law |
| NCR 543 | Conflict Resolution in Schools |
| NCR 545 | Intercultural Conflict |
| NCR 546 | Conflict and the Media |
| MFT 580 | Sociocultural Diversity & Marginalized Communities |
| MFT 584 | Law, Ethics, and Professional Practices |
| Capstone | |
| Select one of the following capstone options: 3-6 | |
| Portfolio: | |
| NCR 591 | Seminar: NCR Capstone Course |
| Thesis (if approved under special circumstances): | |
| NCR 598 | Directed Research |
| NCR 599 | Thesis or Project |
| Total Hours | 36-42 |

¹ NCR 595 Special Topics is offered as an elective on a selected basis, no one topic to exceed six units.

Notes: Failure to satisfy the GWAR by the completion of the first semester of the student's enrollment in the program will prevent the student from continuing in the program until satisfaction of the requirement.

Program Learning Outcomes

- Demonstrate an understanding of the contributions of Africana Studies, Anthropology, Asian Pacific Studies, Chicana/o Studies, Women's Studies, and Peace Conflict Studies, and other applicable similar disciplines to the field of negotiation, conflict resolution and peacebuilding.
- Demonstrate the ability to bring ethnic, cultural, religious, creative, critical, ethical, historical, and humanitarian understanding to problem solving in this new millennium.
- Demonstrate the ability to select and apply tools of negotiation, conflict and peacebuilding appropriately to achieve personal, community, national and international goals.
- Demonstrate, as a conflict participant, the ability to negotiate through mediation a peaceful resolution that meets or exceeds predetermined goals# and, as a neutral, the ability to mediate to bring two or more parties to a successful peaceful agreement.
- Demonstrate the ability to find, read, understand, and objectively as well as critically evaluate educational materials concerning specific conflicts and their causes.

- Demonstrate the ability to integrate theoretical, analytical, research and practical skills by analyzing the sources and dynamics of specific conflicts.
- Demonstrate the ability to research and write clear, concise, coherent, and correct prose, evidencing critical thinking at the graduate level.

Nursing

College of Health, Human Services, and Nursing

School of Nursing

School of Nursing Office: (310) 243-3596
Email: SONdepartment@csudh.edu

For more complete information about all aspects of the SON and the nursing programs, go to the SON website at: <https://www.csudh.edu/son/>

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from the School of Nursing: Dr. Terri Ares (310) 243-2644.

Program Descriptions

The School of Nursing's (SON) Nursing Program began in the spring of 1981 with two major commitments:

1. To make quality higher education in nursing more accessible to employed registered nurses and
2. To ultimately improve healthcare in California.

The undergraduate and graduate programs are designed for registered nurses who wish to further enhance their professional nursing practice, expand their nursing career opportunities, and/or prepare themselves for leadership roles. The curriculum and theory courses utilize the latest, evidence-based approaches to online learning and are specifically designed to address the unique needs of adult learners whose time, personal life commitments, or work schedules make it difficult to complete traditional face-to-face, campus-based courses of study.

The SON offers both undergraduate and graduate degree programs as well as post-masters/graduate certificate programs:

1. The RN-BSN program is designed for Registered Nurses possessing an Associate Degree in Nursing and wishing to continue their studies to earn a Bachelor of Science in Nursing (BSN) degree.

- The Master of Science in Nursing (MSN) program is for Registered Nurses possessing a Bachelor of Science in Nursing (BSN) degree who wish to specialize in an advanced area of nursing. Selection of a degree option of Nurse Administrator, Nurse Educator, Adult-Gerontology Clinical Nurse Specialist, Neonatal Clinical Nurse Specialist, Pediatric Clinical Nurse Specialist, or Family Nurse Practitioner is required at the time of application.
- Post-Masters/Graduate Certificate programs are offered for nurses already possessing a Master of Science in Nursing (MSN) or Doctor of Nursing Practice (DNP) degree who wish to pursue further graduate study for the Adult-Gerontology Clinical Nurse Specialist, Neonatal Clinical Nurse Specialist, Pediatric Clinical Nurse Specialist, Nurse Administrator, or Nurse Educator role.

The Baccalaureate degree, Masters degree, and Clinical Nurse Specialist Post-Masters Certificate programs at California State University Dominguez Hills are accredited by the Commission on Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, 202-887-6791.

A. Key Program Features

- Classes designed to meet the needs of adult learners
 - Opportunities to meet students with similar goals
 - Access to faculty with a strong track record in education, research, management, and clinical practice
 - Over 25 members of the faculty prepared at the doctoral level
 - Highly experienced preceptors and prestigious community affiliations
 - All theory courses are offered online (minimal on-site skills requirement for physical assessment and FNP courses)
 - Professional skill development and networking with a diverse group of nursing professionals.
- Preceptorships/Clinical Affiliations-** The SON maintains many affiliation agreements with prestigious healthcare agencies and other institutions for student clinical placements. Students participate in performance courses (clinical practice/skills laboratory experiences) with supervision by faculty instructors and agency preceptors. Required clinical hours vary according to the course, program, or role option. FNP role performance courses must be completed in the State of California however arrangements for other courses requiring clinical placement can many times be arranged in other states.
 - Out-of-State Students-** Students are required to reside in a state in which the School of Nursing at California State University, Dominguez Hills is permitted to deliver online education.

Academic Advisement

The School of Nursing Programs provide student advisement, beginning with general information sessions for prospective students and orientation for newly admitted students. The Director, Associate Directors, Role Option Coordinators and faculty provide ongoing support and advisement to students throughout the program of study. Much of the information needed by students can be found on the SON website, in handbooks, and in other documents. Special advisors are available for undergraduate students in the Student Service Center (SSC). These advisors can provide information and answer questions related to the general aspects of the undergraduate nursing programs, registration and enrollment, and the class schedule. The SSC advisors may be reached at 1-800-344-5484 (choose option #1) or bsnmajoradvising@csudh.edu. These advisors are dedicated to giving students the information and

assistance they need to make a smooth transition into CSU Dominguez Hills and the SON programs.

The Associate Director for Undergraduate Program serves as the advisor for BSN students and will answer questions and provide guidance upon request. Graduate student advisement is provided by the Associate Director for Graduate Program and Role Option Coordinators. Students are urged to seek advice and communicate with faculty and Student Service Center advisors as soon as issues or problems arise. If required, all persons offering advice will refer students to the appropriate person to offer advice or deal with concerns as necessary.

Preparation

All MSN and post-graduate certificate applicants/students must possess an active, unencumbered, unrestricted license as a Registered Nurse with no probation or disciplinary actions pending or imposed. It is preferred that RN-BSN students possess their RN license prior to application for admission to the University. However, students actively enrolled in regionally accredited Associate Degree in Nursing (ADN) programs may apply for admission prior to completion of their ADN program so long as they can demonstrate graduation from the ADN program before starting the RN-BSN program. Students in the RN-BSN program are required to have an active, unencumbered, unrestricted RN license with no probation or disciplinary action pending or imposed prior to entering any clinical courses. **It is the student's responsibility to immediately report in writing any change in licensure status to the Director of the School of Nursing.**

- Students are responsible for obtaining (at their own expense) clinical clearance items as required by the School of Nursing and/or an affiliating clinical agency where the student is placed. Examples include: health exams, immunizations, titers, COVID testing and vaccination, Basic Life Support (BLS) training, universal precautions and HIPAA training. Additionally clinical agencies often require criminal background checks, drug screening, and other tests. If students are not able to meet all agency requirements, they may be barred from entering the clinical area. The SON cannot guarantee alternative clinical placements. If students are not able to meet clinical course objectives, they may be subject to disqualification from the program.
- Patient confidentiality and other professional ethics must be respected.
- Students must obtain the course syllabus and course materials by logging into the online classroom for each course. Required textbooks are posted in advance of the semester in the university's online bookstore.

Undergraduate students must satisfy the Graduation Writing Assessment Requirement (GWAR) prior to completing 84 units.

Undergraduate Programs

Bachelor

- Nursing, Bachelor of Science (p. 725)

Graduate Programs

Master

- Nursing, Master of Science (p. 727)

Certificate

- Clinical Nurse Specialist, Post-Master's Certificate (p. 723)
- Neonatal Clinical Nurse Specialist, Post-Master's Certificate (p. 724)
- Nursing Administration, Post-Master's Certificate (p. 724)
- Nursing Education, Post-Master's Certificate (p. 725)

Director & Associate Directors (Faculty)

Dr. Ronald Norby, Director, School of Nursing
 Dr. Cathryn Andrade, Associate Director, Undergraduate Nursing Program
 Dr. Terri Ares, Associate Director, Graduate Nursing Programs

Graduate Program Coordinators (Faculty)

Clinical Nurse Specialist Role Options - Dr. Terri Ares

Family Nurse Practitioner Role Option -
 Nurse Administrator Role Option - Dr. Christina Recinos
 Nurse Educator Role Option - Dr. Wafa Khasawneh

Full-time Faculty

Dr. Cathryn Andrade, Dr. Terri Ares, Maria Barbosa, Dr. Linda Goldman,
 Dr. Barbara Kennedy, Dr. Wafa Khasawneh, Dr. Vera Kunte, Dr. Samira
 Moughrabi, Dr. Sally Mahmoud, Dr. Ronald Norby, Dr. Dale Mueller, Dr.
 Lauren Outland, Dr. Nop Ratanasiripong, Dr. Christina Recinos

Emeriti Faculty

Dr. Angela Albright, Dr. Kathleen Tornow Chai, Dr. Judith J. Chodil, Dr. Mary
 Cruise, Dr. Colleen Ehrenberg, Dr. Ellen Hope Kearns, Dr. Laura Inouye, Dr.
 Cynthia Johnson, Dr. Kathleen Johnston, Dr. Judith Lewis, Dr. Kathleen
 F. O'Connor, Dr. Ruth A. Pease, Dr. Carole A. Shea, Dr. Carol Snarr, Dr.
 Margaret Wallace, Dr. Jo Ann Wegmann, Dr. Rose Welch

Courses

BSN 302. Concepts of Professional Nursing Practice. (3 Units)

Focuses on concepts essential to the baccalaureate prepared nurse for socialization into the full professional role. Incorporates The Essentials of Educated Baccalaureate Education for Professional Nursing Practice (2008). Content areas include returning to school and role development, historical nursing influences, nursing theory, ethical practice, quality practice, accountability and professional nursing issues/trends.
 Offered Fall, Spring, Summer

BSN 306. Cult Diversity Healthcare. (3 Units)

Applies cultural concepts and models to explore various forms of human diversity. Analyzes how cultural diversity affects health beliefs, health care behaviors, and health/illness dynamics. Discusses ethnocentrism and bias and their impact on health care. Helps to build cultural competence and improve health care delivery.
 Offered Fall, Spring, Summer

BSN 346. Human Pathophysiology. (3 Units)

Recommended Prerequisite: BSN 302. Explores the response of the human body to various disease processes. Examines the rationale behind diagnosis and treatment of illness and injury. Contrasts the environmental and genetic components that contribute to health/illness. Emphasizes research advances in genetics and biomedical sciences, especially related to HIV/AIDS and quality of life.
 Offered Fall, Spring, Summer

BSN 381. Hlth Assess Skills Seminar. (1 Units)

Prerequisite: BSN 346 is recommended. Provides the opportunity for application of basic knowledge and the practice of skills related to performing a complete nursing health assessment of pediatric, adult, and geriatric patients. Requires 16 hours of practice in a clinical laboratory. CR/NC grading.
 Offered Fall, Spring, Summer

BSN 382. Health Assessment. (2 Units)

Recommended Prerequisite: BSN 346. Recommended Co-requisite: BSN 381. Students examine the theoretical knowledge and psycho-motor skills necessary to perform a comprehensive health history and physical examination on the pediatric, adult, and geriatric patient.
 Offered Fall, Spring, Summer

BSN 422. Community-Based Nursing. (3 Units)

Prerequisites: BSN 302, BSN 346, BSN 381, and BSN 400 or concurrent enrollment are required. Co-requisite: BSN 423 is recommended. Explores dimensions of community-based nursing from individual/family health to community's overall health levels. Explores nursing scopes and responsibilities in healthy promotion and education, disease prevention, and risk reduction. Examines how epidemiological and evidence-based practice principles may be applied in order to assess, plan, implement, and evaluate community-based nursing interventions.
 Offered Fall, Spring, Summer

BSN 423. Community-Based Nursing Role Performance. (2 Units)

Prerequisites: BSN 302, BSN 346, BSN 381, BSN 400 and BSN 422 (or concurrent enrollment) are required. Provides an opportunity for application of the knowledge and the skills of the community-based nurse in a community setting. Requires 90 hours of clinical practice with a preceptor for the Public Health Nurse Certificate.
 Offered Fall, Spring, Summer

BSN 452. Management and Leadership in Health Care Systems. (3 Units)

Required Prerequisite: BSN 302. Recommended Prerequisite: BSN 460. Introduces concepts of leadership, management, advocacy and roles of the professional nurse in relation to career planning, organizational and system-wide change. Topics include professionalism, ethics, power, quality, safety, inter-professional collaboration, change, group dynamics, finance, technology, and strategic planning.
 Offered Fall, Spring, Summer

BSN 460. Nursing Research Utilization. (3 Units)

Prerequisite: BSN 405 may be taken concurrently. Examines scientific clinical nursing rationale for research utilization and theory-based practice. Presents concepts of research methods and processes. Analyzes relevant nursing problems for clinical effective practice.
 Offered Fall, Spring, Summer

BSN 494. Independent Study. (1-3 Units)

A course of study designed cooperatively by student and instructor, and approved by the Program Director, to accomplish individualized learning objectives that are appropriate to the role of the professional nurse. (Students should contact their advisor prior to enrolling to determine the appropriateness of this course for degree completion.)
 Offered Fall, Spring, Summer

BSN 495. Special Topics/Colloquia. (1-3 Units)

These courses offer student groups an opportunity to explore a topic of current interest to the nursing profession with colleagues, faculty and special guest speakers.
 Offered Fall, Spring, Summer

MSN 502. Advanced Nursing Roles. (3 Units)

Introduces competencies and other foundational components of advanced nursing practices such as history, roles, options and choices that are associated with career development and professional practice. Aspects of advanced practice include the impact upon various roles of uses of technology, evidence-based decision making, organizational leadership, systems change, collaboration and outcomes evaluation. Offered Fall, Spring, Summer

MSN 513. Healthcare Policy/Economics. (3 Units)

Prerequisite: MSN 502 is recommended. Online course exploring Healthcare Policy/Economics and public policy making at the state, national and international levels as it relates to the current healthcare and economic environment. Evidence-based strategies and policy models will be introduced to apply the policy making process. Offered Fall, Spring, Summer

MSN 514. Health Promotion and Disease Prevention. (3 Units)

Prerequisite: MSN 502 is recommended. Examines traditional and alternative theoretical and conceptual bases of wellness from the perspective of nursing and health. Focuses on assessment, diagnosis, intervention and outcome evaluation of wellness and disease prevention needs and issues encountered in advanced nursing roles. Offered Fall, Spring, Summer

MSN 521. Advanced Health Assessment. (2 Units)

Prerequisite: MSN 502 is recommended. Co-requisite: MSN 522 is required. Examines theoretical knowledge to perform a comprehensive health history and advanced health assessment. Analysis and synthesis of subjective and objective data to identify health problems and develop management plans. Health promotion risk factor identification and recognition of common abnormalities explored. Offered All terms, Fall, Spring, Summer

MSN 522. Advanced Health Assessment Lab. (1 Units)

Prerequisite: MSN 502 is recommended. Co-requisite: MSN 521 is required. Application of advanced physical assessment skills and knowledge necessary to perform a comprehensive health assessment. Hands-on supervised skills workshop integrates systematic assessment principles, appropriate health assessment techniques, guidelines and considerations for patients across the lifespan. Offered All terms, Fall, Spring, Summer

MSN 523. Family Assessment: Theory and Practice. (3 Units)

Prerequisites: MSN core courses; MSN 526, 527 and 528 can be taken concurrently with instructor permission; Corequisite: MSN 541 for PC Role Option Students only. Focuses on the theoretical underpinnings specific to the biopsychosocial and developmental aspects of the family during the childbearing and child rearing years. Examines the conceptual basis of advanced practice nursing within the context of family assessment, interventions and strategies. Places emphasis on the family unit within a culturally diverse environment. Offered Fall

MSN 526. Pharmacology. (3 Units)

Prerequisites: MSN 502 is recommended or permission of Director. Examines theoretical basis for pharmacological treatment of common health problems. Discusses selected classification of drugs with emphasis on pharmacokinetic principles, pathophysiological basis for therapeutic use, adverse effects, drug interactions, contraindications for use, patient education and issue of compliance. Offered Fall, Spring, Summer

MSN 528. Advanced Pathophysiology. (3 Units)

Prerequisite: Upper-division undergraduate Pathophysiology course. Focuses on application of advanced knowledge of the complex physiological functions and pathophysiological processes related to the care of individuals with health care problems. Discusses alterations in function, and adaptive, integrative and regulatory mechanisms at the molecular, cellular, organ and system levels. Offered Fall, Spring, Summer

MSN 529. Nurse Educator: Curriculum and Teaching. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 559 is recommended. Prepares the student for the nursing role of educator in a variety of academic and community settings. Analyzes and synthesizes curriculum development and teaching/learning strategies. Develops curriculum and teaching strategies using current nursing and education theory and research designed to meet the needs of diverse learners. Offered Infrequent

MSN 530. Research Utilization in Advanced Nursing Practice. (3 Units)

Prerequisite: MSN 502 is recommended. Prepares the nurse to critique and apply research findings in nursing practice. Critical thinking is related to problem identification, assessment of data, and outcome evaluation. Research methodologies, including qualitative and quantitative approaches, are examined and related to nursing informatics. Offered Fall, Spring

MSN 531. Nursing Ethics. (3 Units)

Prerequisite: MSN 502 is recommended. Examines the theoretical and conceptual bases of ethics from a nursing perspective, including the moral development of nurses. Focuses on analysis, synthesis and resolution of ethical issues encountered in advanced practice nursing. Uses critical thinking to explore ethical relationships involved in delivering health care to diverse populations. Offered Fall, Spring, Summer

MSN 532. Nurse Administrator: Societal Institutions. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 560 is recommended. Examines the advanced role of the nurse administrator within the context of health care organizations, scientific enterprises, government and industry. Investigates current developments in the health care delivery system, including system management. Emphasizes the nurse administrator's leadership in providing health care to diverse populations by diverse providers within multi-level care settings. Offered Infrequent

MSN 533. Theoretical Aspects of Aging. (3 Units)

Prerequisites: MSN 502 is required. Corequisite: MSN 549 is required for for CNS Adult-Gerontology Role Option students only. Provides comprehensive information on the aging population. Covers normal and abnormal aging changes. The components of Geriatric Syndromes are identified. Learners explore clinical assessment tools, standards of care and client outcomes, including palliative and end-of-life care. Offered Spring

MSN 535. Clinical Management and Differential Diagnosis of Adult Acute Health Problems. (3 Units)

Prerequisites: MSN 550 and MSN 547 are required. Co-requisite: MSN 548 is required. Focuses on clinical decision making in advanced practice nursing. Students will learn the application of critical thinking and clinical judgment to differentiate diagnosis and management of common acute care problems in the acute and critically ill adult patient. Offered All terms, Spring

MSN 536. Advanced Neonatal Nursing I. (2 Units)

Prerequisites: MSN 521, MSN 522, MSN 526, and MSN 528 are required.
Co-requisite: MSN 548 is recommended. Advanced nursing management of well and ill neonates focusing on health promotion and maintenance. Evidence-based strategies for anticipatory planning, screening, support of development, and family-centered care will be explored. Covers symptom management and reviews common medications or the neonate.
Offered All terms, Spring

MSN 537. Advanced Neonatal Nursing II. (4 Units)

Prerequisites: MSN 521, MSN 522, MSN 526 and MSN 528 are required.
Co-Requisite: MSN 548 is recommended. Advanced nursing management of well and ill neonates focusing on health promotion and maintenance. Evidence-based strategies for anticipatory planning, screening, support of development, and family-centered care will be explored. Covers symptom management and reviews common medications for the neonate.
Offered All terms, Fall

MSN 538. Nurse Administrator: Resource Management. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 570 is recommended. Examines the advanced role of the nurse administrator within the context of resource management. Investigates current developments in health care delivery, including financial management, labor relations, and human resource management. Emphasizes leadership development within multi-level care settings.
Offered Fall, Spring

MSN 539. Nurse Educator: Testing and Evaluation. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 569 is recommended. Prepares the student for the nursing role of educator in a variety of academic and community settings. Analyzes and synthesizes testing and evaluation strategies. Examines current topics and issues related to student assessment and evaluation of learning outcomes using nursing and education theory and research designed to meet the needs of diverse learners.
Offered Fall, Spring

MSN 540. Clinical Management of Acute Pediatric Health Problems. (4 Units)

Prerequisite: MSN 550 Emphasis on advanced practice nurse clinical decision making for pediatric patients. Student will learn the application of critical thinking and clinical judgment to develop differential diagnoses and manage common problems in the acute and critically ill pediatric patient.
Offered Fall

MSN 547. Clinical Nurse Specialist Role Performance I. (3 Units)

Prerequisites: MSN 502, MSN 513, MSN 514, MSN 521, MSN 522, MSN 526, MSN 528, MSN 530 and MSN 531 are required. 144 hour practicum to apply theories for execution of CNS role in clinical settings with a specialty/population focus. Under supervision, the student is provided opportunities for role socialization, exploration of CNS responsibilities, and development of novice competencies. CR/NC grading only.
Offered Fall

MSN 548. Clinical Nurse Specialist Role Performance II. (4 Units)

Prerequisites: MSN 550 and MSN 547 are required. MSN 513, MSN 514, MSN 526 and MSN 531 are recommended. Corequisites: MSN 523 or MSN 535 is required. This 144 Hour practicum requires the application of evidence based practice and education principles in the clinical setting. Students will focus on health problems commonly encountered in the population of focus. CR/NC grading only.
Offered Spring

MSN 549. Clinical Nurse Specialist Role Performance III. (3 Units)

Prerequisites: MSN 547, MSN 548, and MSN 550 are required. This 144 hour practicum focuses on the CNS role in managing clinical outcomes. Students will provide consultation and wellness services, explore clinical concerns at the organizational level, and prepare for professional practice as a CNS.
Offered Fall

MSN 550. Theoretical Foundations of Clinical Nurse Specialist Practice. (3 Units)

Prerequisites: MSN 502, MSN 513, MSN 514, MSN 521, MSN 522, MSN 526, MSN 528, MSN 530, and MSN 531 are required. Co-requisite: MSN 547 is required. A conceptual basis of advanced nursing practice for the Clinical Nurse Specialist (CNS) role is established. Students will learn CNS practice models, family theories, leadership theories, decision-making models, organizational theories, change management, care coordination and management of transitions care.
Offered All terms, Fall

MSN 554. Applied Nursing Science VI. (2 Units)

Co-requisite: MSN 553 is required. Focuses on providing evidence-based, culturally competent nursing care for children and their families. Requires 96 hours of supervised practice in skills lab, and pediatric and community clinical settings.
Offered Infrequent

MSN 555. Quality Improvement in Health Care. (3 Units)

Prerequisite: MSN 502 is recommended. Explores the historical evolution of quality initiatives in health care and defines current concepts in quality assessment and improvement. Emphasizes organizational performance, outcomes assessment, management and effectiveness, and the role of the advanced practice nurse.
Offered Fall, Spring

MSN 556. Primary Care of the Family I. (4 Units)

Prerequisite: MSN 526, MSN 527 or permission of Director. Concurrent enrollment in MSN 558 is recommended. Examines theoretical basis for pharmacological treatment of common health problems. Emphasis will be placed on comprehensive assessment and management of common acute health problems seen in the care of clients across the life span.
Offered Fall, Spring, Summer

MSN 558. FNP: Role Perform I. (3 Units)

Corequisite: MSN 556 is recommended. Emphasizes comprehensive assessment and management of common acute health problems seen in the primary care of clients across the life span. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and an individual preceptor. CR/NC grading.
Offered Fall

MSN 559. Nurse Educator: Role Performance I. (3 Units)

Prerequisite: MSN 502. Corequisite: MSN 529 is recommended. Provides the opportunity for implementing the nurse educator role in an education or health care setting. Applies curriculum development and didactic and clinical teaching/learning concepts and strategies, under supervision by the instructor and a preceptor. Requires 144 hours of practice in teaching. CR/NC grading.
Offered Infrequent

MSN 560. Nurse Administrator: Role Performance I. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 532 is recommended. Provides the opportunity to implement the nurse administrator role in a selected health care setting by focusing on forces shaping the role of the departmental nurse leader and institutional governance. Applies valid and reliable measures of evaluation to organizational and nurse administrator performance, under supervision by the instructor and a preceptor. Requires 144 hours of practice in administration. CR/NC grading. Offered Infrequent

MSN 561. Primary Care of the Family II: Pediatric Health. (2 Units)

Prerequisites: MSN 556 and MSN 558 are required. Co-requisites: MSN 568 or MSN 548 is required. Theoretical and conceptual basis for advanced practice nurses focusing on children, newborn through adolescence. Emphasis on assessment, diagnosis, and management of common age-related wellness and acute health conditions seen in pediatric settings. Culturally sensitive health promotion and maintenance of children. Offered All terms, Spring

MSN 562. Primary Care of the Family II: Women's/Gender Health. (2 Units)

Prerequisites: MSN 556 and MSN 558 are required. Co-requisite: MSN 568 is required. Theoretical and conceptual basis for advanced practice nursing diagnosis and management of common and acute gender-related health conditions. Male and female reproductive health, pregnancy, contraception, infertility, menopause and sexuality will be explored, including culturally sensitive health promotion and maintenance. Offered All terms, Spring

MSN 565. Pathopharmacology for Nurse Educators. (3 Units)

Integrates advanced pathophysiology with pharmacotherapeutics for nurse educators, enhancing knowledge and skills of pharmacodynamics and pharmacokinetics as they relate to pathophysiological processes in each body system. Offered Fall

MSN 568. Family Nurse Practitioner: Role Performance II. (3 Units)

Prerequisites: MSN 556 and MSN 558. Corequisite: MSN 566 is recommended. Emphasizes comprehensive assessment and management of common acute health problems seen in women and children. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Includes reproduction, pregnancy, contraception, growth and development, as well as health promotion and health maintenance for women and children. Requires 144 hours of clinical practice under supervision by a faculty instructor and individual preceptor. CR/NC grading. Offered Spring

MSN 569. Nurse Educator: Role Performance II. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 539 is recommended. Provides the opportunity for implementing the nurse educator role in an education or health care setting. Applies assessment and evaluation concepts and strategies in didactic and clinical teaching/learning situations, under supervision by the instructor and a preceptor. Requires 144 hours of practice in teaching. CR/NC grading. Offered Spring

MSN 570. Nurse Administrator: Role Performance II. (3 Units)

Prerequisite: MSN 502; Corequisite: MSN 538 is recommended. Provides the opportunity to implement the nurse administrator role in a selected health care setting according to professional and regulatory requirements. Focuses on formulating a nursing service plan for integrating quality measures with cost control and case management practice, under supervision by the instructor and a preceptor. Requires 144 hours of practice in administration. CR/NC grading. Offered Infrequent

MSN 576. Primary Care of the Family III. (4 Units)

Prerequisite: MSN 566, MSN 567 or permission of Director. Corequisite: MSN 578 is recommended. Examines theoretical and conceptual basis for advanced practice as Family Nurse Practitioner. Emphasis is on comprehensive assessment and management of increasingly complex acute and chronic health problems across the life span for culturally diverse individuals and families. Offered Fall, Spring, Summer

MSN 578. Family Nurse Practitioner: Role Performance III. (3 Units)

Prerequisites: MSN 566 and MSN 568. Corequisite: MSN 576 is recommended. Emphasizes growth in independent practice in providing comprehensive assessment and management of common chronic health problems seen in the primary care of clients across the life span. Focuses on the primary care of the individual as a member of the family within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and an individual preceptor. CR/NC grading. Offered Infrequent

MSN 583. Clinical Nurse Leader Role Performance II. (3 Units)

Prerequisite: MSN 580 and MSN 581 are required. Co-requisite: MSN 582 is required. Restricted to majors. Focuses on implementation of the CNL role in a selected healthcare microsystem. In this 150 hour clinical experience, the student will develop expertise in clinical leadership with a focus on aggregates. With guidance from a nurse preceptor, students will implement strategies to address identified problems requiring quality improvement, risk reduction and patient safety management. CR/NC grading. Offered All terms, Summer

MSN 588. Family Nurse Practitioner: Role Performance IV. (3 Units)

Prerequisites: MSN 576 and MSN 578. Provides an opportunity to integrate evidence based research into clinical evaluation and implementation of primary health care of clients across the life span. Emphasizes evaluation of the impact of community, cultural, socioeconomic, and psychosocial factors on the health care needs of individuals and families within a culturally diverse environment. Requires 144 hours of clinical practice under supervision by a faculty instructor and individual preceptor. CR/NC grading. Offered Spring

MSN 594. Independent Study. (1-3 Units)

A course of study designed cooperatively by student and instructor, and approved by the Director, to accomplish individualized learning objectives that are appropriate to the role of the professional nurse. (Students should contact their advisor prior to enrolling to determine the appropriateness of this course for degree completion.) Offered As needed

MSN 595. Special Topics/Colloquia. (1-3 Units)

This course offers student groups an opportunity to explore a topic of current interest to the nursing profession with colleagues, faculty and special guest speakers. Offered As needed

MSN 600. Project Continuation Course. (1 Units)

Students who have not completed their culminating experience by the end of the term may enroll in the following term to maintain continuous enrollment.

Offered Fall, Spring

Clinical Nurse Specialist, Post-Master's Certificate

The School of Nursing offers a Post-Master's Certificate in Adult-Gerontology Clinical Nurse Specialist (CNS), Neonatal CNS, or Pediatric CNS for nurses with a master's or doctorate degree in nursing. Included in the APRN course of study are advanced health assessment, advanced pathophysiology, pharmacology, health promotion, and management of complex care for children and families or for the adult population (from young adult to older adult, including the frail elderly) in various clinical and community settings. The Certificate Program consists of a total of 31 units.

Prior to application for the Certificate Programs, individuals are strongly encouraged to consult with the CNS Program Coordinator (advisor) regarding previous graduate coursework completed to determine the best semester to apply for entry. Cohorts for the Adult-Child CNS specialty and clinical phase begin annually each Fall semester. Cohorts for the Neonatal CNS and Pediatric CNS specialty and clinical phase begin Fall semester of even years (every other year).

Eligibility Requirements

1. Completion of a master's degree in nursing or doctor of nursing practice from a regionally accredited institution and Accreditation Commission for Education in Nursing (ACEN) or Commission on Collegiate Nursing Education (CCNE) accredited nursing program.
2. Overall grade point average of 3.0 (on a four-point scale) in units attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.
4. Minimum of two years recent clinical professional nursing experience with the specialty population (neonatal, pediatric, or adult/geriatric) acute care experience.
5. Health clearance (immunity, etc.) is required prior to enrolling in a role performance course. A background check or drug screen may be required by the clinical location.
6. Residence in a state in which the School of Nursing at California State University, Dominguez Hills is permitted to deliver online education.

Requirements

The School of Nursing offers a Post-Master's Certificate in Adult-Gerontology Clinical Nurse Specialist (CNS), Neonatal CNS, or Pediatric CNS for nurses with a master's or doctorate degree in nursing. Included in the APRN course of study are advanced health assessment, advanced pathophysiology, pharmacology, health promotion, and management of complex care for children and families or for the adult population (from young adult to older adult, including the frail elderly) in various clinical and community settings. The Certificate Program consists of a total of 31 units.

Prior to application for the Certificate Programs, individuals are strongly encouraged to consult with the CNS Program Coordinator (advisor) regarding previous graduate coursework completed to determine the best

semester to apply for entry. Cohorts for the Adult-Child CNS specialty and clinical phase begin annually each Fall semester. Cohorts for the Neonatal CNS and Pediatric CNS specialty and clinical phase begin Fall semester of even years (every other year).

Eligibility Requirements

1. Completion of a master's degree in nursing or doctor of nursing practice from a regionally accredited institution and Accreditation Commission for Education in Nursing (ACEN) or Commission on Collegiate Nursing Education (CCNE) accredited nursing program.
2. Overall grade point average of 3.0 (on a four-point scale) in units attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.
4. Minimum of two years recent clinical professional nursing experience with the specialty population (neonatal, pediatric, or adult/geriatric) acute care experience.
5. Health clearance (immunity, etc.) is required prior to enrolling in a role performance course.

Gap Analysis and Certificate Requirements

Upon admission a "gap analysis" will be done by the faculty to determine if any previous graduate level nursing coursework satisfies any of the required courses for the specific certificate. The gap analysis is documented and a list of all courses required for the certificate are clearly indicated. Additionally, the semester and year that the certificate student should enroll in each course is indicated to create a individualized plan of study.

Pediatric Clinical Nurse Specialist Post-Master's Certificate

| Code | Title | Hours |
|---------|---|-------|
| MSN 514 | Health Promotion and Disease Prevention | 3 |
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 540 | Clinical Management of Acute Pediatric Health Problems | 4 |
| MSN 561 | Primary Care of the Family II: Pediatric Health | 2 |
| MSN 547 | Clinical Nurse Specialist Role Performance I | 3 |
| MSN 548 | Clinical Nurse Specialist Role Performance II | 4 |
| MSN 549 | Clinical Nurse Specialist Role Performance III | 3 |
| MSN 550 | Theoretical Foundations of Clinical Nurse Specialist Practice | 3 |

Total Hours **31**

CNS-Adult-Gerontology Post-Master's Certificate

| Code | Title | Hours |
|---------|---|-------|
| MSN 514 | Health Promotion and Disease Prevention | 3 |
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 533 | Theoretical Aspects of Aging | 3 |

| | | |
|--------------------|---|-----------|
| MSN 535 | Clinical Management and Differential Diagnosis of Adult Acute Health Problems | 3 |
| MSN 547 | Clinical Nurse Specialist Role Performance I | 3 |
| MSN 548 | Clinical Nurse Specialist Role Performance II | 4 |
| MSN 549 | Clinical Nurse Specialist Role Performance III | 3 |
| MSN 550 | Theoretical Foundations of Clinical Nurse Specialist Practice | 3 |
| Total Hours | | 31 |

Neonatal Clinical Nurse Specialist, Post-Master's Certificate

Specialist, Neonatal Clinical Nurse Specialist, or Pediatric Clinical Nurse Specialist for nurses with a master's degree in nursing or Doctorate of Nursing Practice degree. Included in the APRN course of study are advanced health assessment, advanced pathophysiology, advanced pharmacology, health promotion, and management of complex care for neonatal or pediatric patients and families or for the adult population, from young adult to older adult, including the frail elderly, in various clinical and community settings. The Certificate Program consists of a total of 31 units, 19 units are specific only to the CNS.

Prior to application for the Certificate Programs, individuals are strongly encouraged to consult with the Nurse Administrator Program Coordinator (advisor) regarding previous graduate coursework completed to determine the best semester to apply for entry.

Eligibility Requirements

1. Completion of a master's degree in nursing or doctor of nursing practice from a regionally accredited institution and ACEN or CCNE-accredited nursing program.
2. Overall grade point average of 3.0 (on a four-point scale) in units attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.
4. Clinical experience preferences or requirements are posted on the School of Nursing website (<https://www.csudh.edu/son/>).
5. Health clearance (immunity, etc.) is required prior to enrolling in a role performance course.
6. A background check or drug screen may be required by the clinical location.

Gap Analysis and Certificate Requirements

Upon admission a "gap analysis" will be done by the faculty to determine if any previous graduate level nursing coursework satisfies any of the required courses for the specific certificate. The gap analysis is documented and a list of all courses required for the certificate are clearly indicated. Additionally, the semester and year that the certificate student should enroll in each course is indicated to create a individualized plan of study.

Requirements

| Code | Title | Hours |
|---------|---|-------|
| MSN 514 | Health Promotion and Disease Prevention | 3 |
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |

| | | |
|---------|---|---|
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 536 | Advanced Neonatal Nursing I | 2 |
| MSN 537 | Advanced Neonatal Nursing II | 4 |
| MSN 547 | Clinical Nurse Specialist Role Performance I | 3 |
| MSN 548 | Clinical Nurse Specialist Role Performance II | 4 |
| MSN 549 | Clinical Nurse Specialist Role Performance III | 3 |
| MSN 550 | Theoretical Foundations of Clinical Nurse Specialist Practice | 3 |

Total Hours 31

Nursing Administration, Post-Master's Certificate

The School of Nursing offers a Post-Master's Certificate in Nursing Administration for nurses with a master's in nursing who want to develop advanced knowledge and skills as a nurse manager or administrator in health care institutions. The study of various health care systems and all areas of management are included with emphasis on quality improvement and evidence-based administrative practices. The certificate program consists of 15 units.

Prior to application for the Certificate Programs, individuals are strongly encouraged to consult with the Nurse Administrator Program Coordinator (advisor) regarding previous graduate coursework completed to determine the best semester to apply for entry.

Eligibility Requirements

1. Completion of a master's degree in nursing or doctor of nursing practice from a regionally accredited institution and ACEN or CCNE-accredited nursing program.
2. Overall grade point average of 3.0 (on a four-point scale) in units attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.
4. Clinical experience preferences or requirements are posted on the School of Nursing website (<https://www.csudh.edu/son/>).
5. Health clearance (immunity, etc.) is required prior to enrolling in a role performance course.

Gap Analysis and Certificate Requirements

Upon admission a "gap analysis" will be done by the faculty to determine if any previous graduate level nursing coursework satisfies any of the required courses for the specific certificate. The gap analysis is documented and a list of all courses required for the certificate are clearly indicated. Additionally, the semester and year that the certificate student should enroll in each course is indicated to create a individualized plan of study.

Requirements

| Code | Title | Hours |
|---------|--|-------|
| MSN 532 | Nurse Administrator: Societal Institutions | 3 |
| MSN 538 | Nurse Administrator: Resource Management | 3 |
| MSN 555 | Quality Improvement in Health Care | 3 |
| MSN 560 | Nurse Administrator: Role Performance I | 3 |

| | | |
|--------------------|--|-----------|
| MSN 570 | Nurse Administrator: Role Performance II | 3 |
| Total Hours | | 15 |

Nursing Education, Post-Master's Certificate

The School of Nursing offers a Post-Master's Certificate in Nursing Education for nurses with a master's degree in nursing or doctor of nursing practice who want to develop advanced knowledge and skills in curriculum development, student and program assessment, teaching and learning. Advanced health assessment, advanced pathopharmacology, curriculum development, teaching strategies, testing and evaluation, and practice teaching with a faculty preceptor are included in the program. The Certificate Program consists of a total of 21 units.

Prior to application for the Certificate Programs, individuals are strongly encouraged to consult with the Nurse Educator Program Coordinator (advisor) regarding previous graduate coursework completed to determine the best semester to apply for entry.

Eligibility Requirements

1. Completion of a master's degree in nursing or doctor of nursing practice from a regionally accredited institution and NLNAC or CCNE-accredited nursing program.
2. Overall grade point average of 3.0 (on a four-point scale) in units attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.
4. Clinical experience preferences or requirements are posted on the School of Nursing website (<https://www.csudh.edu/son/>).
5. Health clearance (immunity, etc.) is required prior to enrolling in a role performance course. A background check or drug screen may be required by the clinical location.
6. Residence in a state in which the School of Nursing at California State University, Dominguez Hills is permitted to deliver online education.

The School of Nursing offers a Post-Master's Certificate in Nursing Education for nurses with a master's degree in nursing or doctor of nursing practice who want to develop advanced knowledge and skills in curriculum development, student and program assessment, teaching and learning. Advanced health assessment, advanced pathophysiology, curriculum development, teaching strategies, testing and evaluation, and practice teaching with a faculty preceptor are included in the program. The Certificate Program consists of a total of 21 units.

Prior to application for the Certificate Programs, individuals are strongly encouraged to consult with the Nurse Educator Coordinator (advisor) regarding previous graduate coursework completed to determine the best semester to apply for entry.

Eligibility Requirements

1. Completion of a master's degree in nursing or doctor of nursing practice from a regionally accredited institution and NLNAC or CCNE-accredited nursing program.
2. Overall grade point average of 3.0 (on a four-point scale) in units attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.

4. Clinical experience preferences or requirements are posted on the School of Nursing website (<https://www.csudh.edu/son/>).
5. Health clearance (immunity, etc.) is required prior to enrolling in a role performance course.

Gap Analysis and Certificate Requirements

Upon admission a "gap analysis" will be done by the faculty to determine if any previous graduate level nursing coursework satisfies any of the required courses for the specific certificate. The gap analysis is documented and a list of all courses required for the certificate are clearly indicated. Additionally, the semester and year that the certificate student should enroll in each course is indicated to create a individualized plan of study.

Requirements

| Code | Title | Hours |
|-------------------------|--|-----------|
| Required Courses | | |
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 529 | Nurse Educator: Curriculum and Teaching | 3 |
| MSN 539 | Nurse Educator: Testing and Evaluation | 3 |
| MSN 559 | Nurse Educator: Role Performance I | 3 |
| MSN 565 | Pathopharmacology for Nurse Educators | 3 |
| MSN 569 | Nurse Educator: Role Performance II | 3 |
| Electives | | |
| MSN 523 or MSN 533 | Family Assessment: Theory and Practice Theoretical Aspects of Aging | 3 |
| Total Hours | | 21 |

Nursing, Bachelor of Science

The RN-BSN program prepares registered nurses as generalists in professional nursing practice. Graduates are equipped to function as leaders, managers, and resource persons in a variety of healthcare settings. Critical thinking and decision-making are informed through both general and discipline-specific education.

Requirements

Admissions Requirements

Minimum of 60-semester units of transferable college credit with a cumulative grade point average of at least 2.0 (C) or better and grades of C or better in all transferable course work and have satisfied any high school subject deficiency in English and mathematics by equivalent course work (the maximum transferable credit accepted from a two-year college is 70 semester units). A 2.5 GPA is required for second baccalaureate applicants.

Nursing Program Prerequisite Course CSU GE-Breadth Area

- Oral communication A1
- Written communication A2
- Critical thinking A3
- Chemistry: general, inorganic, organic or integrated B1, (B3) (with associated lab if required at the institution where the course was taken)
- Human anatomy (with required lab) B2, B3

- Human physiology (with required lab) B2, B3
- Microbiology (with required lab) B2, B3
- Statistics B4
- **Registered Nurse Licensure:** *Students may apply to the University in the third or fourth semester of their Associate Degree Program. Licensure is required before taking the Community-Based Role Performance course. California RN licensure must be unencumbered, and unrestricted, with no probation or disciplinary action pending or imposed.*

Program Structure

The BSN program comprises classes that include content essential for professional nursing practice. These courses must be taken through the normal schedule.

Academic Regulations

A cumulative grade point average of 2.0 or better is required in all courses taken to satisfy the degree requirements. A student will be placed on probation if, in any term, he or she has failed to earn a grade point average of 2.0 or higher for the work taken that term. During the subsequent probationary term, the student must achieve a grade point average of 2.0 or better. Failure to do so may result in dismissal from the program.

All integrated nursing and support courses must be completed with a grade of "C" or better. A course may be repeated once according to University policy. Any student receiving a grade of "D" or lower must meet with an advisor before proceeding to enroll in additional courses.

Courses must be successfully completed according to the sequence in the student's approved program of study.

General Education

For Nursing students only the scheduled courses are approved to fulfill upper-division General Education requirements as specified:

| Course | Title | GE Category | Semester Units |
|---------|------------------------------------|-------------|----------------|
| BSN 306 | Cultural Diversity and Health Care | D3 | 3 |
| BSN 346 | Human Pathophysiology | B5 | 3 |

BSN Degree Requirements

A total of a minimum of 120 semester units are required for the degree. In addition to the major, students must complete general education requirements. Students transferring from a community college can transfer a maximum of 70 units and students from a four-year institution may transfer a maximum of 96 units. Electives are not required unless necessary to complete degree requirements.

| Code | Title | Hours |
|---------------------------------|---|-------|
| Support Courses | | |
| BSN 306 | Cult Diversity Healthcare ¹ | 3 |
| BSN 346 | Human Pathophysiology ² | 3 |
| Required Nursing Courses | | |
| BSN 302 | Concepts of Professional Nursing Practice | 3 |
| BSN 381 | Hlth Assess Skills Seminar | 1 |
| BSN 382 | Health Assessment | 2 |

| | | |
|-----------------|--|-----|
| BSN 422 | Community-Based Nursing | 3 |
| BSN 423 | Community-Based Nursing Role Performance | 2 |
| BSN 452 | Management and Leadership in Health Care Systems | 3 |
| BSN 460 | Nursing Research Utilization | 3 |
| Elective | | |
| BSN 494 | Independent Study | 1-3 |

NCLEX Credit

Students may be granted up to 24 units of NCLEX credit once the RN license is verified. Student who have fewer than 120 units after all other transfer BSN, and NCLEX credit has been granted will need to complete additional upper division courses through CSUDH.

Total Hours **48-50**

¹ Meets GE Area D3.

² Meets GE Area B5

Note: Students may earn additional 3-6 units from a Humanities course and/or an English Composition course.

Program Learning Outcomes

Upon completion of the B.S. degree program in Nursing, graduates will be able to:

1. Design competent, patient-centered professional nursing care for individuals, families, and populations across the health continuum in a variety of community-based settings and institutions, emphasizing patient safety and quality.
2. Integrate knowledge from the physical and behavioral sciences, and informatics into professional nursing practice.
3. Demonstrate cultural competence in providing care and working with others.
4. Implement health promotion and disease prevention plans for individuals, families, and populations.
5. Use critical thinking, evidence-based practice, and research findings in professional nursing practice.
6. Form interdisciplinary collaborative relationships to improve professional nursing practice and the quality of healthcare for all.
7. Demonstrate ethical and professional nursing roles, values, social justice, and human dignity.
8. Participate in political regulatory processes to influence healthcare systems and quality improvement policies.
9. Exhibit effective communication skills for professional nursing practice.
10. Demonstrate commitment to a lifelong learning plan for professional development.

B.S. Nursing Degree Roadmap

4 Semester Roadmap

3 Semester Roadmap

| First Year | | |
|--------------|--|-----------|
| Fall | | Hours |
| BSN 302 | Concepts of Professional Nursing Practice | 3 |
| BSN 346 | Human Pathophysiology (satisfies GE Area B5) | 3 |
| BSN 306 | Cult Diversity Healthcare (satisfies GE Area D3) | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 12 |

| Spring | | |
|--------------------------|--|----------|
| BSN 382 | Health Assessment | 2 |
| BSN 381 | Hlth Assess Skills Seminar | 1 |
| BSN 452 | Management and Leadership in Health Care Systems | 3 |
| GE Area F Ethnic Studies | | 3 |
| | Hours | 9 |

| Second Year | | |
|--|--|-----------|
| Fall | | |
| BSN 460 | Nursing Research Utilization | 3 |
| BSN 422 | Community-Based Nursing | 3 |
| BSN 423 | Community-Based Nursing Role Performance | 2 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| | Hours | 11 |
| | Total Hours | 32 |

| Course | Title | Hours |
|------------|---|----------|
| First Year | | |
| Fall | | |
| BSN 302 | Concepts of Professional Nursing Practice | 3 |
| BSN 346 | Human Pathophysiology (satisfies GE Area B5) | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| | Hours | 9 |

| Spring | | |
|--------------------------|--|----------|
| BSN 306 | Cult Diversity Healthcare (satisfies GE Area D3) | 3 |
| BSN 382 | Health Assessment | 2 |
| BSN 381 | Hlth Assess Skills Seminar | 1 |
| GE Area F Ethnic Studies | | 3 |
| | Hours | 9 |

| Second Year | | |
|-------------|--|----------|
| Fall | | |
| BSN 452 | Management and Leadership in Health Care Systems | 3 |
| BSN 460 | Nursing Research Utilization | 3 |
| | Hours | 6 |

| Spring | | |
|--|--|-----------|
| BSN 422 | Community-Based Nursing | 3 |
| BSN 423 | Community-Based Nursing Role Performance | 2 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| | Hours | 8 |
| | Total Hours | 32 |

5 Semester Roadmap

| Course | Title | Hours |
|------------|---|----------|
| First Year | | |
| Fall | | |
| BSN 302 | Concepts of Professional Nursing Practice | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| | Hours | 6 |

| Spring | | |
|---------|--|----------|
| BSN 306 | Cult Diversity Healthcare (satisfies GE Area D3) | 3 |
| BSN 346 | Human Pathophysiology (satisfies GE Area B5) | 3 |
| | Hours | 6 |

| Second Year | | |
|--------------------------|----------------------------|----------|
| Fall | | |
| BSN 382 | Health Assessment | 2 |
| BSN 381 | Hlth Assess Skills Seminar | 1 |
| GE Area F Ethnic Studies | | 3 |
| | Hours | 6 |

| Spring | | |
|---------|--|----------|
| BSN 452 | Management and Leadership in Health Care Systems | 3 |
| BSN 460 | Nursing Research Utilization | 3 |
| | Hours | 6 |

Third Year

| Fall | | |
|--|--|-----------|
| BSN 422 | Community-Based Nursing | 3 |
| BSN 423 | Community-Based Nursing Role Performance | 2 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| | Hours | 8 |
| | Total Hours | 32 |

Nursing, Master of Science

The MSN Program prepares nurses for advanced roles of Nurse Educator, Nurse Administrator, Clinical Nurse Specialist, and Family Nurse Practitioner. Courses involve advanced knowledge and the critique and application of theory and research as a scientific base for nursing.

Requirements

Role Options

The MSN curriculum allows RN students to choose one of a variety of nursing role options: Nurse Administrator, Nurse Educator, Family Nurse Practitioner, Adult-Gerontology Clinical Nurse Specialist, Neonatal Clinical Nurse Specialist, or Pediatric Clinical Nurse Specialist. Each student must select one of the role options upon application to the university.

MSN Program Admission Requirements for RNs

1. Completion of a baccalaureate degree program with an ACEN or CCNE accredited upper division major in nursing (BSN) from a regionally accredited institution or the equivalent.
2. Overall grade point average of 3.0 (on a four-point scale) or higher in the last 60 semester (90 quarter) units of upper division course work attempted.
3. Registered nurse licensure in the United States, unencumbered, unrestricted, with no disciplinary action pending or imposed.
4. Completion of a statistics course including probability and inferential; an introductory research course or equivalent; and an upper division (BSN level) health assessment course, including a "hands on" (not computer simulation) skills lab.
5. The various role options may have clinical experience preferences or requirements. Refer to information posted on the School of Nursing website (<https://www.csudh.edu/son/>) for that role option.
6. Residence in a state in which the School of Nursing at California State University, Dominguez Hills is permitted to deliver online education.

Program Structure

The MSN program consists of 15 units of core courses, plus role/specialty courses. The total number of units varies according to the role option:

- Nurse Administrator (30 units)
- Nurse Educator (36 units)¹
- Adult-Gerontology Clinical Nurse Specialist (43 units)
- Neonatal Clinical Nurse Specialist (43 units)
- Pediatric Clinical Nurse Specialist (43 units)
- Family Nurse Practitioner (48 units)

¹ Nurse educators develop expertise in a nursing clinical practice area by selecting a three-unit elective in an advanced clinical focus related to family or gerontology nursing. The course should be taken prior to entry

into role-emphasis courses. A direct patient care clinical experience is included in the final role performance (clinical) course.

Courses should be completed in the sequence suggested in the MSN plans of study on the School of Nursing website (<https://www.csudh.edu/son/>). Some courses are offered only once per year or every other year. Students wishing to accelerate their study or pursue full time study should seek advice and approval from their Advisor and the Assistant Director of Graduate Programs.

The practice-based role performance (clinical) courses provide students an opportunity to apply knowledge, practice skills, acquire competencies, and learn the full scope of the role. The School maintains affiliations with a wide variety of healthcare agencies. The clinical sites vary according to the program requirements and students' personal goals. Program faculty take responsibility for approvals of the clinical sites and specific preceptor(s). The selection of the preceptor is a collaborative effort by the School of Nursing, the health care agency, and the student. Most preceptorships take place during business hours Monday through Friday. We recommend that students begin the process of securing a preceptorship two semesters in advance. Students are required to purchase a subscription to an online system that houses clinical placement information and clinical documents needed for the clinical agencies. Details of the mandatory clinical compliance documents (immunizations, physical exam, health insurance, CPR card, etc.) and the deadlines are outlined in the current Graduate Clinical Handbook posted on the School of Nursing website.

All students conclude their 30-48 units of master's preparation with a culminating activity (See MSN Degree Requirements).

Academic Regulations

Students that do not attend mandatory program orientations or class/clinical meetings, whether on-campus or virtual meetings, will be disenrolled.

To be eligible for automatic progression to the next semester a graduate student must:

- Earn a minimum of a B or Credit grade in each graduate course
- Maintain a 3.0 GPA or better on a 4.0 scale in all MSN courses

A student who earns a grade of **B- or less** or No Credit in a course has not successfully completed that course and must contact the Role Option Coordinator to discuss program planning and progression status. It is expected that the failed course will be repeated immediately (the next semester it is offered). For the few courses that are not offered in both the fall and spring, the student may be allowed to progress for one additional semester until he/she can enroll in the course needing to be repeated.

The role/specialty didactic and role performance (clinical/practicum) courses are sequenced; therefore, if a role/specialty or role performance course is not successfully completed, continuation in the role/specialty course sequence is not permitted until the course is successfully repeated. Because the role option is structured as a cohort group, membership in the subsequent cohort and enrollment to repeat the failed class will be on a space available basis.

A course may be repeated only once. Failure to successfully complete a course on the second attempt will result in an automatic dismissal from the nursing graduate program. A maximum of two courses may be repeated in the program; a third failure will result in automatic dismissal.

A student may not graduate from the MSN degree program with a cumulative GPA of less than 3.0.

Transfer Request

A student may fail one MSN core course or prerequisite course and seek transfer to another MSN role option only once and after meeting with the new faculty advisor. Transfer requests are not permitted after two failed courses. Approval of the transfer is dependent upon posted required criteria such as acceptance by the new faculty advisor, professional experience, GPA of 3.0 on a 4.0 scale, and in good standing. The student may be required to take additional prerequisites and/or elective coursework for the new role option.

MSN Degree Requirements (30-48 units)

The program requires 30-48 units of approved graduate study that includes six role options. The curriculum consists of core courses, role/specialty courses, role performance (clinical/practicum) courses, electives and the culminating activity.

Graduate Course Prerequisites

Some MSN courses require the successful completion of prerequisites not offered as part of the graduate program. However, the prerequisite courses are available as undergraduate nursing courses. See the course descriptions.

Core Courses

| Code | Title | Hours |
|--------------------|---|-----------|
| MSN 502 | Advanced Nursing Roles | 3 |
| MSN 513 | Healthcare Policy/Economics | 3 |
| MSN 514 | Health Promotion and Disease Prevention | 3 |
| MSN 530 | Research Utilization in Advanced Nursing Practice | 3 |
| MSN 531 | Nursing Ethics | 3 |
| Total Hours | | 15 |

Culminating Activity

The culminating activity consists of an oral presentation supported by PowerPoint slides documenting the student's achievement of the MSN program learning outcomes. The presentation is delivered via conferencing technology to a panel of faculty. MSN students who elect to do the culminating activity in the semester following completion of MSN coursework must register in MSN 600 Project Continuation Course to meet the continuous enrollment requirement.

Role Option Courses (15-33 units)

Nurse Administrator Option (15 units)

| Code | Title | Hours |
|--------------------|--|-----------|
| MSN 532 | Nurse Administrator: Societal Institutions | 3 |
| MSN 538 | Nurse Administrator: Resource Management | 3 |
| MSN 555 | Quality Improvement in Health Care | 3 |
| MSN 560 | Nurse Administrator: Role Performance I | 3 |
| MSN 570 | Nurse Administrator: Role Performance II | 3 |
| Total Hours | | 15 |

Nurse Educator Option (21 units)

| Code | Title | Hours |
|-------------------------|---|-------|
| Required Courses | | |
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 529 | Nurse Educator: Curriculum and Teaching | 3 |

| | | |
|-----------------------|--|-----------|
| MSN 539 | Nurse Educator: Testing and Evaluation | 3 |
| MSN 559 | Nurse Educator: Role Performance I | 3 |
| MSN 565 | Pathopharmacology for Nurse Educators | 3 |
| MSN 569 | Nurse Educator: Role Performance II | 3 |
| Electives | | |
| MSN 523 or MSN 533 | Family Assessment: Theory and Practice Theoretical Aspects of Aging | 3 |
| Total Hours | | 21 |

Clinical Nurse Specialist Option- Adult-Gerontology (28 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 533 | Theoretical Aspects of Aging | 3 |
| MSN 535 | Clinical Management and Differential Diagnosis of Adult Acute Health Problems | 3 |
| MSN 547 | Clinical Nurse Specialist Role Performance I | 3 |
| MSN 548 | Clinical Nurse Specialist Role Performance II | 4 |
| MSN 549 | Clinical Nurse Specialist Role Performance III | 3 |
| MSN 550 | Theoretical Foundations of Clinical Nurse Specialist Practice | 3 |
| Total Hours | | 28 |

Neonatal Clinical Nurse Specialist Option (28 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 536 | Advanced Neonatal Nursing I | 2 |
| MSN 537 | Advanced Neonatal Nursing II | 4 |
| MSN 547 | Clinical Nurse Specialist Role Performance I | 3 |
| MSN 548 | Clinical Nurse Specialist Role Performance II | 4 |
| MSN 549 | Clinical Nurse Specialist Role Performance III | 3 |
| MSN 550 | Theoretical Foundations of Clinical Nurse Specialist Practice | 3 |
| Total Hours | | 28 |

Pediatric Clinical Nurse Specialist Option (28 units)

| Code | Title | Hours |
|---------|---|-------|
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 540 | Clinical Management of Acute Pediatric Health Problems | 4 |
| MSN 547 | Clinical Nurse Specialist Role Performance I | 3 |
| MSN 548 | Clinical Nurse Specialist Role Performance II | 4 |
| MSN 549 | Clinical Nurse Specialist Role Performance III | 3 |
| MSN 550 | Theoretical Foundations of Clinical Nurse Specialist Practice | 3 |

| | | |
|--------------------|---|-----------|
| MSN 561 | Primary Care of the Family II: Pediatric Health | 2 |
| Total Hours | | 28 |

Family Nurse Practitioner Option (33 units)

| Code | Title | Hours |
|--------------------|--|-----------|
| MSN 521 | Advanced Health Assessment | 2 |
| MSN 522 | Advanced Health Assessment Lab | 1 |
| MSN 526 | Pharmacology | 3 |
| MSN 528 | Advanced Pathophysiology | 3 |
| MSN 556 | Primary Care of the Family I | 4 |
| MSN 558 | FNP: Role Perform I | 3 |
| MSN 561 | Primary Care of the Family II: Pediatric Health | 2 |
| MSN 562 | Primary Care of the Family II: Women's/Gender Health | 2 |
| MSN 568 | Family Nurse Practitioner: Role Performance II | 3 |
| MSN 576 | Primary Care of the Family III | 4 |
| MSN 578 | Family Nurse Practitioner: Role Performance III | 3 |
| MSN 588 | Family Nurse Practitioner: Role Performance IV | 3 |
| Total Hours | | 33 |

Program Learning Outcomes

Upon completion of the M.S. degree program in Nursing, graduates will be able to:

1. Integrate advanced nursing knowledge and theories/models with a focus on improving direct/indirect person-centered and population health outcomes.
2. Synthesize, translate, apply, and disseminate scientific evidence to improve health and health care delivery.
3. Appraise and utilize healthcare technology and information systems to enhance nursing decision making and quality of care, including risk reduction and patient safety.
4. Use leadership and systems thinking skills to collaborate with interprofessional team members and stakeholders to coordinate safe, quality, and equitable care to diverse individuals and populations.
5. Demonstrate role specific professional identity, ethical practice, and personal/professional development.

Clinical Nurse Specialist – Adult/Gerontology

1. Demonstrate advanced clinical practice for the adult-gerontology population in the three spheres of the clinical nurse specialist: client/patient, nursing, and organization/system.

Clinical Nurse Specialist – Neonatal

1. Demonstrate advanced clinical practice for the neonatal population in the three spheres of the clinical nurse specialist: client/patient, nursing, and organization/ system.

Clinical Nurse Specialist – Pediatric

1. Demonstrate advanced clinical practice for the pediatric population in the three spheres of the clinical nurse specialist: client/patient, nursing, and organization/ system.

Family Nurse Practitioner

1. Utilize advanced practice nursing and primary care knowledge and skills, to assess, diagnose, and provide safe and effective care

to diverse patients of all ages and their families in primary care settings.

2. Demonstrate readiness to take the national certification examinations for Family Nurse Practitioners.

Nurse Administrator

1. Apply concepts and theories of organizational management and nursing administration to the design of complex healthcare delivery systems.
2. Integrate concepts of health policy, regulation, and financing to the organization of healthcare delivery, with a focus on responsible management of resources.

Nurse Educator

1. Apply teaching and learning strategies based on educational theory, evidence-based practices, and knowledge of nursing education trends and professional standards in the selected role performance setting.
2. Demonstrate entry-level nurse educator competencies in the selected role performance setting.

Occupational Therapy

College of Health, Human Services, and Nursing

The Profession of Occupational Therapy

Occupational Therapy is the therapeutic use of everyday life occupations with persons, groups, or populations (i.e., the client) for the purpose of enhancing or enabling participation. Occupational therapy practitioners use their knowledge of the transactional relationship among the client, the client's engagement in valuable occupations, and the context to design occupation-based intervention plans. Occupational therapy services are provided for habilitation, rehabilitation, and promotion of health and wellness for clients with disability- and non-disability-related needs. These services include acquisition and preservation of occupational identity for clients who have or are at risk for developing an illness, injury, disease, disorder, condition, impairment, disability, activity limitation, or participation restriction (AOTA, 2011).

Occupational Therapy Department

The Occupational Therapy (OT) Program at CSUDH started off with a degree in Bachelor of Science (BSOT), which was awarded accreditation status by the Accreditation Council for Occupational Therapy Accreditation (ACOTE) in 1998. The BSOT transitioned to an entirely new entry-level Master of Science in Occupational Therapy (MSOT) in 2004 with accreditation awarded by ACOTE in 2006. Since then, the MSOT Program has grown from the first graduating class of 23 in 2007 to more recent graduating cohorts of approximately 66-69 per year. The continued growth of the OT Program displays how the department is valued by the University and supported by our community and clinical affiliates. In 2019, the passing of AB 829 into law allowed our department to further expand and make accessible advanced education in occupational therapy at the doctoral level.

We are very proud of our curricula for both entry-level MSOT and Occupational Therapy Doctorate (OTD) programs. We are confident that they will provide a great foundation for occupational therapy professional competence and success. Through team effort, the OT department faculty, students, and staff strive for the highest level of achievements. Together, we are quite enthusiastic in being part of our students' journey towards becoming occupational therapy practitioners and leaders aligned

with the following department mission, core values, and commitment to diversity, equity, and inclusion.

Mission: We educate and prepare students on best practice, scholarship, research, advocacy and innovation to address the complex human needs of health, wellness, restoration and adaptation for optimal life engagement throughout the lifespan. We prioritize building collaborative communities, diversifying the profession and facilitating a culture of service to all populations.

Core Values:

Advocacy – We emphasize educating students in advocating on behalf of all whom we serve to receive the highest quality service relative to the needs of individuals, populations and policies.

Altruism – We invest in the welfare of others to improve the lived experience of those we serve.

Collaboration – We seek partnerships across the university, within the occupational therapy profession, in our local communities, and globally to expand opportunities for our students, staff and faculty.

Compassion – We respond to the actions and context around us with an understanding that we can support others and learn from a moment in time for the long-term well-being of all.

Confidence & Competence – We value balanced self-reflection to leverage our strengths in service to others and in developing our existing practice and potential.

Courage – We value informed risk-taking for the evolution of our practice in service to society.

Ethics – We are accountable to uphold the ethical principles of the profession.

Inclusion – We welcome all individuals and perspectives to inform our understanding of human occupation.

Justice – We believe in fair and equitable opportunities to live healthy and satisfying lives. We provide fair and just opportunities for all students.

Leadership – We develop leaders who will advocate on behalf of individuals and populations.

Mutual Respect – We choose to act in a manner that supports the best interests and well-being of all in our department, our university and the communities we serve.

Diversity, Equity, and Inclusion:

The University is committed to equity, diversity, and social justice. The Department of Occupational Therapy seeks to promote health equity and resist systemic and medical racism by preparing students from diverse backgrounds and perspectives to provide equitable services at all levels: individual, organizational, community, and societal. The curricula aspire to promote population health and anti-racist education and practices. This includes topics, materials, activities, and clinical case methods that embrace diversity in all forms, such as: race, ethnicity, culture, age, gender, sexuality, education, occupation, socioeconomic status, personality, physical appearance, body function, diagnosis, intellect or mental health status.

Graduate Programs

Master

- Occupational Therapy, Master of Science (p. 738)

Doctorate Programs

Doctorate

- Occupational Therapy, Doctorate (p. 741)

Faculty

Terry Peralta-Catipon, PhD, OTR/L - Department Chair
 Sheryl Ryan, PhD, OTR/L - OTD Program Coordinator
 Abbie Bryant, OTD, OTR/L - OTD Academic Fieldwork Coordinator
 Eric Hwang, PhD, OTR/L - OTD Capstone Coordinator
 Heather Kitching, OTD, OTR/L, FAOTA - MSOT Program Coordinator
 Amber Borchert, MS, OTR/L - MSOT Academic Fieldwork Coordinator

Tracy Becerra-Culqui, PhD, MPH, OT/L; Yan-hua Huang, PhD, OTR/L; Mary Medina, OTD, OTR/L; Daniel Swiatek, OTD, OTR/L

Department Staff

Laura Deary, BS, COTA/L - Occupational Therapy Analyst
 Desirae Terrell, MS - Administrative Coordinator

Program Office WH A-320, (310) 243-2726

Faculty Offices and Activity Centers: WH A-320, WH D445, WH 142, EAC 400, EAC 500

Courses

OTR 205. OT Act Across the Life Span. (0 Units)

Offered Infrequent

OTR 206. Human Growth and Development. (0 Units)

Offered Infrequent

OTR 295. Spec Top in Occup. Therapy. (0 Units)

Offered Infrequent

OTR 301A. Individual & Group Skills. (0 Units)

Offered Infrequent

OTR 314. Conditions of Human Dysfunc.. (0 Units)

Offered Infrequent

OTR 317L. Neuroanatomy & Physiology Lab. (0 Units)

Offered Infrequent

OTR 319A. Evaluation & Interpretation. (0 Units)

Offered Infrequent

OTR 320A. Theory & Application I. (0 Units)

Offered Infrequent

OTR 410. Introduction to the Scope of Practice and Conceptual Foundations of Occupational Therapy. (2 Units)

Overview of the complex scope, philosophical foundation, history, practice areas, professional and ethical roles and responsibilities, models of practice, service deliver, professional development, and career growth in occupational therapy. Also explores client populations across the lifespan in various practice settings.

Offered Spring, Summer

OTR 414. Human Dysfunction II. (0 Units)

Offered Infrequent

OTR 422A. Theory & Application II. (0 Units)

Offered Infrequent

OTR 424A. Theory & Application III. (0 Units)

Offered Infrequent

OTR 430S. Practicum & Seminar I. (0 Units)

Offered Infrequent

OTR 432S. Practicum & Seminar II. (0 Units)

Offered Infrequent

OTR 480S. Field Work II Experience I. (0 Units)

Offered Fall, Spring, Summer

OTR 482S. Field Work II Experience II. (0 Units)

Offered Fall, Spring, Summer

OTR 495. Special Topics in Occupational Therapy. (1-3 Units)

Prerequisite: Consent of instructor and additional course prerequisites depending on topic. Special interest topics related to Occupational Therapy. Content will vary as announced. Repeatable course. Offered All terms, As needed

OTR 500. Person-Environment-Occupation. (2 Units)

Co-requisites: OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512. Emphasizes the importance of occupational engagement to health and the relationship that exists between individuals, occupations and environments. Students will be challenged to explore the person-environment-occupation model centered on persons and the occupations they fulfill within their everyday environment. Offered Spring

OTR 502. History of Occupation. (2 Units)

Co-requisites: OTR 500, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512. A historical survey of the development of the profession and the study of the occupational nature of human beings. Review of how leaders of the profession have articulated occupation and the therapeutic applications across time. Offered Spring

OTR 504. Activities Across the Lifespan. (3 Units)

Co-requisites: OTR 500, OTR 502, OTR 506, OTR 508, OTR 510, and OTR 512. Introduction to how activities used as meaningful occupations can be used as therapeutic interventions. Individual and group experience with media and how to identify, analyze and adapt activities for their potential as treatment modalities is emphasized. Offered Spring

OTR 506. Interactive Reasoning. (3 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 508, OTR 510, and OTR 512. Introduction to the historical, theoretical underpinnings and application of group work to populations spanning the lifespan. Offered Spring

OTR 508. Professional Development Seminar - Portfolio I: Introduction to E-Portfolio. (1 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 510, and OTR 512 are required. Introduces process of professional portfolio development; orients students to the steps toward portfolio completion; introduces critical thinking and reflective learning methods; provides students with experiences in self-directed learning; reviews the development of a research proposal in planning research. Offered Spring

OTR 510. Introduction to Frameworks for Occupational Therapy Practice. (2 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 512
Introduction to fundamental theoretical concepts of occupational therapy practice; philosophy; terminology; professional roles delineation; ethics; scope and models of practice.
Offered Spring

OTR 512. Human Anatomy. (3 Units)

Co-requisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510 or Admission to OTD program. Advanced study of human body by means of review of Web based materials specific to dissection and identification of select specimens and structures of the body.
Offered Spring

OTR 515. Occupation Across the Lifespan I: Adolescence. (3 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530. Explores development of activity patterns associated with adolescent occupational choice, roles, routines, habit formation and attributed meaning. Focus is on adolescent development and life transition.
Offered Summer

OTR 517. Assessments in Occupational Therapy Practice: Adolescence. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512 or OTD student group. Co-requisites: OTR 515, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530. Focuses on OT clinical evaluation with the adolescent population. Students will develop clinical reasoning and skill to select and administer standardized and non-standardized interview, observational, self-report and assessment tools in the processes of referral, screening, evaluation and documentation.
Offered Summer

OTR 519. Interventions in Occupational Therapy Practice - Adolescence. (2 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512 or OTD student group. Focus on OT clinical interventions with the adolescent population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning and documentation.
Offered Summer

OTR 521. Conditions Affecting Health I - Adolescents. (2 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530. Theoretical approaches and models of practice commonly used with this population will be discussed in association with conditions that affect adolescents' ability to engage in meaningful occupations common to this development level.
Offered Summer

OTR 523. Case Seminar I - Adolescent. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 525, OTR 527, OTR 529, OTR 530. Seminar format to provide opportunities for students to hear first-hand occupational profiles and personal narratives of adolescents and their families as they are engaged in discussions of issues relative to problems in domains of occupational engagement.
Offered Summer

OTR 525. OT Research I - Qualitative Research Methods for Health Professionals. (2 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512 are required. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 527, OTR 529, and OTR 530 are required. Explores the role of qualitative research in developing a deeper understanding of client populations and the development of theory in occupational therapy. Research design, data collection strategies, and methods of analysis will be discussed.
Offered Summer

OTR 527. Foundations of Kinesiology for Occupational Therapy. (4 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512 or OTD student group. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 529, OTR 530. The course consists of lectures, activity analyses, and case studies designed to provide students with diverse opportunities to integrate key concepts of kinesiology into an understanding of how movement and loss of movements may impact performance of complex, everyday occupations.
Offered Fall, Summer

OTR 529. Fieldwork I Adolescents. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, OTR 512. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 530. Fieldwork offers on-site clinical experiences with populations commonly served in OT practice settings for adolescent. Clinical experiences support co-requisite coursework and will rely on first semester course materials.
Offered Summer

OTR 530. Professional Development Seminar - Portfolio II: Ethics. (1 Units)

Prerequisites: OTR 500, OTR 502, OTR 504, OTR 506, OTR 508, OTR 510, and OTR 512 are required. Co-requisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, and OTR 529 are required. Introduction to ethics theory and principles as applied to common occupational therapy clinical situations and opportunities to analyze and solve ethical dilemmas. Overview of legal principles that may impact ethical decision-making.
Offered Summer

OTR 535. Conditions Affecting Health I - Adolescents. (3 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530. Co-requisites: OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, OTR 552. Provides the theoretical foundations and frames of reference to understand pediatric populations and their family's occupations. Explores the developmental impact of contexts, family, and child factors that promote or limit engagement in occupations and co-occupations from infancy through school age.
Offered Fall

OTR 537. Assessments in Occupational Therapy Practice: Pediatrics. (2 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530 or OTD Student Group. Co-requisites: OTR 535, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, OTR 552 or OTD Student Group. Focuses on OT clinical evaluation with the pediatric population. Students will develop clinical reasoning and skill to select and administer standardized and non-standardized interview, observational, self-report and assessment tools in the processes of referral, screening, evaluation and documentation.
Offered Fall

OTR 539. Interventions in Occupational Therapy Practice - Pediatrics. (2 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530 or OTD Student Group. Focuses on OT clinical interventions with the pediatric population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning, and documentation.
Offered Fall

OTR 541. Conditions Affecting Health II - Pediatrics. (2 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, 530. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 543, OTR 547, OTR 550, OTR 552. The application of knowledge of at-risk and diagnostic conditions to the occupational performance of children and their families. The role of genetics, body structures, functions, and the environment in the presence of developmental issues from conception through adolescence will be addressed.
Offered Fall

OTR 543. Case Seminar II Pediatrics. (1 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, OTR 530. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 547, OTR 550, OTR 552. Seminar provides opportunities for students to hear first-hand from families and children with special needs and discuss issues relative to diagnosis, occupational therapy assessment and interventions, service delivery, as well as the contexts in which children and their families participate.
Offered Fall

OTR 545. OT Research II - Quantitative Research Methods for Health Professions. (3 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 552, OTR 547, and OTR 550 are required. Co-requisites: OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563, and OTR 571 are required. A review of clinical research methodology and designs with emphasis on interpreting and utilizing research results and the impact of research on evidence-based practice in occupational therapy. Students will develop feasible research proposals related to occupational therapy practice.
Offered Spring

OTR 547. Neurological Foundations of Oc. (5 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530 or OTD student group. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 550, and OTR 552. Foundational knowledge of how the human nervous system serves as the foundation for occupational choice and occupational engagement. Designed to provide opportunities to learn the structures and functional organization of the nervous system related to the performance of everyday occupations.
Offered Fall, Spring

OTR 550. Level I Fieldwork - Pediatrics. (1 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and OTR 530. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, and OTR 552. Fieldwork offers on-site clinical experiences with populations commonly served in OT practice settings with infants and toddlers. Clinical experiences support co-requisite coursework and will rely on first semester course materials.
Offered Fall

OTR 552. Professional Development Seminar - Portfolio III: Qualitative Research Project. (1 Units)

Prerequisites: OTR 515, OTR 517, OTR 519, OTR 521, OTR 523, OTR 525, OTR 527, OTR 529, and 530 are required. Co-requisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, and OTR 550 are required. Independent and self-reflective learning fundamental to competent practice. Students mentored in completion of portfolio process including the development and approval of the learning contract, the role of a proposal in guiding activities, and selection of activities for the portfolio.
Offered Fall

OTR 553. Professional Development Seminar - Portfolio IV: Evidence-Based Practice in Occupational Therapy. (1 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552 are required. Co-requisites: OTR 545, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571 are required. Portfolio IV links student interests with coursework and the understanding of the concept of Evidence-Based Rehabilitation as applied to occupational therapy practice. Simultaneously, the student is mentored through planned learning activities and the development of an evidence-based research paper.
Offered Spring

OTR 554. Professional Development Seminar - Portfolio V: Quantitative Research Project. (1 Units)

Prerequisites: OTR 553, OTR 545, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563, and OTR 571 are required; Co-requisites: OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583 and OTR 591 are required. Portfolio V involves completion of a quantitative research project as part of the professional development portfolio. The course also provides an opportunity to present written and oral summary of completed portfolio activities and research papers to faculty and students.
Offered Summer

OTR 555. Occupation Across the Lifespan III - Adult. (3 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Provides the theoretical foundations and frames of reference to understand adult populations and their families occupations. Explores the impact of contexts, family, and other factors that promote or limit engagement in occupations and co-occupations of adult populations.
Offered Spring

OTR 557. Assessments in Occupational Therapy Practice: Adult. (2 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552 or OTD student group. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 559, OTR 561, OTR 563 and OTR 571. Development of skills of assessment and evaluation of occupational performance in the context of current frames of reference, and the exploration of the impact that physical and psychosocial dysfunction can have on performance roles, tasks, and activities of adulthood.
Offered Spring

OTR 559. Interventions in Occupational Therapy Practice: Adult. (2 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552 or OTD student group. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 561, OTR 563 and OTR 571. Focuses on OT clinical interventions with the adult population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning and documentation.
Offered Spring

OTR 561. Conditions Affecting Health III - Adults. (2 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 563 and OTR 571. A professional course that focuses on common occupational performance dysfunctions secondary to medical, biophysical, and psychosocial conditions in adults 18-55 years old.

Offered Spring

OTR 563. Case Seminar III Adult. (1 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561 and OTR 571. Seminar format to provide opportunities for students to hear first-hand the life stories of adults living with disabilities acquired through illness, disability or trauma.

Offered Spring

OTR 567. Administration & Management in Occupational Therapy. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 569, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583, OTR 591. Presentation and discussion of current concepts and trends in the administration and management in occupational therapy practice. Challenges students to explore the various facets of occupational therapy management in a constantly changing health care environment.

Offered Summer

OTR 569. Adaptive & Assistive Tech. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583, OTR 591. RESNA technology competencies for occupational therapists, state and federal laws effecting availability or acquisition of assistive technology, assessments used in evaluation for technology prescription, seating and wheelchair measurements, computer input devices, augmentative communication, environmental controls, use of universal design.

Offered Summer

OTR 571. Level I Fieldwork - Adults. (1 Units)

Prerequisites: OTR 535, OTR 537, OTR 539, OTR 541, OTR 543, OTR 547, OTR 550, and OTR 552. Co-requisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561 and OTR 563. Offers on-site clinical experiences with populations commonly served in OT practice settings with adult clients. Clinical experiences support co-requisite coursework and will rely on first semester course materials.

Offered Spring

OTR 575. Occupation Across the Lifespan IV - Geriatrics. (3 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 577, OTR 579, OTR 581, OTR 583, and OTR 591. Focused on theoretical foundations of occupational therapy used in working with the geriatric population. Explores the value and meaning of occupation to the health and well being of elderly and frail elderly adults within cultural and temporal contexts.

Offered Summer

OTR 577. Assessments in Occupational Therapy Practice: Geriatrics. (1 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571 or OTD student group. Co-requisites: OTR 554, OTR 567, 569, OTR 575, OTR 579, OTR 581, OTR 583, and OTR 591. Focuses on OT clinical evaluation with the geriatric population. Students will develop clinical reasoning and skill to select and administer standardized and non-standardized interview, observational, self-report and assessment tools in the processes of referral, screening, evaluation and documentation.

Offered Summer

OTR 579. Interventions in Occupational Therapy Practice: Geriatrics. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571 or OTD Student Group. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 581, OTR 583, and OTR 591. Focuses on OT clinical interventions with the geriatric population. Students will develop clinical reasoning and skill in treatment planning, implementation, reviewing progress, discharge planning and documentation.

Offered Summer

OTR 581. Conditions Affecting Health IV - Geriatrics. (2 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 583, and OTR 591. A professional course focused on common occupational performance dysfunctions secondary to medical, biophysical, and psychosocial conditions in the elderly and frail elderly adult (older than 55 and 85 years respectively).

Offered Summer

OTR 583. Case Seminar IV Geriatrics. (1 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 583, and OTR 591. Life narratives of elders and frail elders and their family members will be facilitated to engage in discussions on issues relative to their personal life situations, occupational history and profile.

Offered Summer

OTR 591. Level I Fieldwork - Geriatrics. (1 Units)

Prerequisites: OTR 545, OTR 553, OTR 555, OTR 557, OTR 559, OTR 561, OTR 563 and OTR 571. Co-requisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 583, and OTR 591. Fieldwork offers on-site clinical experiences with populations commonly served in OT practice settings with elderly clients. Clinical experiences support co-requisite coursework and will rely on first semester course materials.

Offered Summer

OTR 592. Fieldwork II A. (9 Units)

Prerequisites: OTR 554, OTR 567, OTR 569, OTR 575, OTR 577, OTR 579, OTR 581, OTR 583, OTR 591. Completion of 12 weeks or approximately 480 hours of supervised Fieldwork Level II practicum in a community or clinical setting. Documentation of client evaluations, progress notes, and reports as well as provision of resources and delivery of OT services will be explored. CR/NC grading.

Offered Fall, Spring, Summer

OTR 593. Fieldwork II B. (9 Units)

Prerequisite: OTR 592. Completion of 12 weeks or approximately 480 hours of supervised Fieldwork Level II practicum in a community or clinical setting. Documentation of client evaluations, progress notes, and reports as well as provision of resources and delivery of OT services will be explored. CR/NC grading.
Offered Fall, Spring, Summer

OTR 595. Advanced Special Topics in Occupational Therapy. (1-3 Units)

Prerequisites: Consent of instructor and possible course prerequisites depending on topic. Advanced course of special interest in Occupational Therapy. Topic and content will vary as announced. Repeatable course.
Offered As needed

OTR 596. Graduate Internship. (1-4 Units)

Prerequisite: Completion of one International FW I rotation in MSOT; membership in ICOT; department chair approval. Supervised internship, in the occupational therapy, with a participating agency or company involved in international service-learning fieldwork experience. CR/NC grade.
Offered Fall, Spring, Summer

OTR 599. Graduate Capstone. (2 Units)

Prerequisite; completion of at least the first three semesters of the 7 semester MSOT program. Supervised thesis, special project, or comprehensive examination in occupational therapy. Repeatable course.
Offered Fall, Spring, Summer

OTR 600. Graduate Continuation Course. (1 Units)

Graduate students in MSOT who have other requirements remaining for the completion of their degree or who have completed their course work but not their fieldwork and/or comprehensive exam may maintain continuous attendance by enrolling in this course. Signature of MSOT program director required.
Offered Fall, Spring, Summer

OTR 701. The Historical Analysis of Occupational Therapy Profession. (2 Units)

Analysis of OT history, sociopolitical climate and its importance in meeting society's current and future needs. Introduction to OT practice philosophical base, terminologies, scope of practice, professional roles and associations, certification/licensure, regulation, and accreditation as a baseline for professional development. Admission to Occupational Therapy Doctorate required.
Offered Summer

OTR 713. OT Frameworks and Models of Practice. (2 Units)

Corequisites: OTR 512, OTR 701, OTR 714, OTR 715, and OTR 719 are required. Introduction to the OT Practice Framework and fundamental concepts of OT practice. Analysis of the development and application of theories, models of practice, and frames of reference in achieving desired intervention outcomes in a variety of practice contexts and environments.
Offered Summer

OTR 714. Introduction to Population Health. (2 Units)

Corequisites: OTR 512, OTR 701, OTR 713, OTR 715 and OTR 719 are required. Introduction to the social determinants of health as well as health promotion and disease prevention at the community and global levels. Explores impact of sociocultural, socioeconomic, political, demographic, diversity factors, lifestyle choices, and epidemiological factors to public health and welfare of populations. Restricted to majors.
Offered Summer

OTR 715. OTD Research Portfolio 1 Introduction to Research Portfolio: Literature Review. (1 Units)

Corequisites: OTR 512, OTR 701, OTR 713, OTR 714, and OTR 719 are required. Introduction to an individual e-portfolio focused on the completion of high quality research projects that contribute to occupational therapy practice. As the first of five courses, the focus is to review literature as a foundation to developing research questions and research proposals in succeeding courses.
Offered Summer

OTR 719. Therapeutic Activities and Group Dynamics Across the Lifespan. (3 Units)

Corequisites: OTR 512, OTR 701, OTR 713, OTR 714, and OTR 715 are required. Introduction to how activities, as meaningful occupations, are used as interventions in OT practice. Identify, analyze, and adapt activities using various media in both individual and group therapeutic experiences. Discuss the historical and theoretical underpinnings of arts & crafts as a treatment.
Offered Summer

OTR 722. Clinical Fieldwork I in a Pediatric Setting. (1 Units)

Prerequisites: OTR 512, OTR 701, OTR 713, OTR 714, OTR 715, and OTR 719 are required. Co-requisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 723, and OTR 724 are required. On-site and/or simulated clinical experience with infants and/or children. Parallels with didactic course content to bridge classroom learning with clinical practice through observations of the OT process, such as screening, evaluation, intervention, re-evaluation, discharge planning and application of OT theories. Restricted to majors
Offered Fall

OTR 723. Clinical Reasoning in Occupational Therapy: Pediatric Conditions and Case Analysis. (3 Units)

Prerequisites: OTR 713, OTR 714, OTR 715, OTR 719 and OTR 701 are required. Co-requisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 538, OTR 722, AND OTR 724 are required. Case analysis using simulated and first-hand narratives of children and their families. Examine effects of various developmental, physical and/or psychosocial conditions commonly seen in pediatric populations and employ clinical reasoning skills in identifying and addressing OT needs within varying service delivery models. Restricted to majors.
Offered Fall

OTR 724. Person, Environment, Occupation and Health Promotion in Pediatric Populations. (2 Units)

Prerequisites: OTR 512, OTR 713, OTR 714, OTR 715, OTR 719, and OTR 701 are required. Co-requisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 530, OTR 722, and OTR 723 are required. Explore the values and meanings of occupations, within varying environmental contexts to the health and wellness of infants, toddlers and children. Review service delivery models, policy issues, social systems, related to both traditional and emerging areas of practice for the pediatric population.
Offered Fall

OTR 725. OTR Research Portfolio 2 - Methodologies in Quantitative Research. (3 Units)

Prerequisites: OTR 512, OTR 713, OTR 714, OTR 715, OTR 719 and OTR . Co-requisites: OTR 572, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Comparison of quantitative research methodologies. Students will select appropriate methods and design a scholarly proposal aligned with the ethical policies and procedures necessary to conduct human-subject research. Restricted to majors.
Offered Fall

OTR 732. Clinical Fieldwork I in an Adult Setting. (1 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Co-requisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 733, and OTR 734 are required. On-site and/or simulated clinical experience with adolescents. Parallels with didactic course content to bridge classroom learning with clinical practice through observations of the OT process such as screening, evaluation, intervention, re-evaluation, discharge planning and application of OT theories.

Offered Spring

OTR 733. Clinical Reasoning in Occupational Therapy: Adult Conditions & Case Analyses. (3 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Corequisites: OTR 547, OTR 547, OTR 781, OTR 557, OTR 559, OTR 732, and OTR 734 are required. Case analyses using simulated and first-hand personal narratives of adults and/or family members. Examine effects of various physical and/or psychosocial conditions commonly seen in adult populations and employ clinical reasoning skills in identifying and addressing OT needs within varying service delivery models. Restricted to majors.

Offered Spring

OTR 734. Person, Environment, Occupation, and Health Promotion in Adult Populations. (2 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Corequisites: OTR 547, OTR 736, OTR 781, OTR 557, OTR 559, OTR 732, and OTR 733 are required. Explore the values and meanings of occupations within varying environmental contexts to the health and wellness of adults. Review service delivery models, policy issues, social systems, related to both traditional and emerging areas of practice for the adult population. Restricted to majors.

Offered Spring

OTR 735. OTD Research Portfolio 3 - Quantitative Research Project. (2 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Corequisites: OTR 547, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733, and OTR 734 are required.

Completion of a scholarly quantitative research report that supports clinical practice. Students are encouraged to submit for professional or public audience presentation or publication. Restricted to majors.

Offered Spring

OTR 742. Clinical Fieldwork I in and Adolescent Setting. (1 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 745, OTR 782, OTR 790, OTR 517, OTR 519, OTR 743, and OTR 744 are required. On-site and/or simulated clinical experience with adolescents. Parallels with didactic course content to bridge classroom learning with clinical practice through observations of the OT process such as screening, evaluation, intervention, re-evaluation, discharge planning and application of OT theories. Restricted to majors.

Offered Summer

OTR 743. Clinical Reasoning in Occupational Therapy: Adolescent Conditions and Case Analyses. (3 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 745, OTR 782, OTR 790, OTR 517, OTR 519, OTR 742, and OTR 744 are required.

Case analyses using simulated and first-hand personal narratives of adolescents and/or family members. Examine effects of various developmental, physical and/or psychosocial conditions commonly seen in adolescent populations and employ clinical reasoning skills in identifying and addressing OT needs within varying service delivery models. Restricted to majors.

Offered Summer

OTR 744. Person, Environment, Occupation and Health Promotion in Adolescent Populations. (2 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 745, OTR 782, OTR 790, OTR 517, OTR 519, OTR 742, and OTR 742 are required. Explore the values and meanings of occupations within varying environmental contexts to the health and wellness of adolescents. Review service delivery models, policy issues, social systems, related to both traditional and emerging areas of practice for the adolescent population. Restricted to majors.

Offered Summer

OTR 745. OTD Research Portfolio 4 - Methodologies in Qualitative Research. (2 Units)

Prerequisites: OTR 547, OTR 781, OTR 557, OTR 559, OTR 732, OTR 733 and OTR 734 are required. Corequisites: OTR 781, OTR 790, OTR 517, OTR 519, OTR 742, OTR 743 and OTR 744 are required. Comparison of qualitative research methodologies. Students will select appropriated methods and design a scholarly proposal aligned with the ethical policies and procedures necessary to conduct human-subject research. Restricted to majors.

Offered Summer

OTR 753. Clinical Reasoning in Occupational Therapy: Geriatric Conditions & Case Analyses. (3 Units)

Case analyses using simulated and first-hand personal narratives of older adults, family members or caregivers. Examines effects of various physical and/or psychosocial conditions commonly seen in geriatric populations and employ clinical reasoning skills in identifying and addressing OT needs within varying delivery models.

Offered Fall

OTR 754. Person, Environment, Occupation, and Health Promotion in Geriatric Populations. (2 Units)

Explore the values and meanings of occupations within varying environmental contexts to the health and wellness of older adults. Review service delivery models, policy issues, and social systems, related to both traditional and emerging areas of practice for the geriatric population.

Offered Fall

OTR 755. OTD Research Portfolio 5: Qualitative Research Project. (2 Units)

Completion of a scholarly qualitative or mixed methods research report that supports clinical practice. Submission for professional or public audience presentation or for publication in a peer-reviewed journal is required.

Offered Fall

OTR 780. OT Professional Development Seminar: OT Code of Ethics. (1 Units)

Prerequisites: OTR 512, OTR 713, OTR 714, OTR 715, OTR 719, and OTR 701 are required. Corequisites: OTR 527, OTR 725, OTR 537, OTR 539, OTR 722, OTR 723, and OTR 724 are required. Principles and constructs of the American Occupational Therapy Association (AOTA) Occupational Therapy Code of Ethics and AOTA Standards of Practice. Analysis of ethical dilemmas and case study scenarios of clinical situations, decision-making, professional interactions, client interventions, employment settings, and personal and organizational ethical conflicts. Restricted to majors.
Offered Fall

OTR 781. OT Professional Development Seminar: The Reflective Occupational Therapist. (1 Units)

Prerequisites: OTR 527, OTR 725, OTR 780, OTR 537, OTR 539, OTR 722, and OTR 724 are required. Corequisites: OTR 547, OTR 735, OTR 557, OTR 559, OTR 732, OTR 733, and OTR 734 are required. Apply the concept of therapeutic use of self in the OT process with self-reflection on ones personality, insights, perceptions, and judgements. Explore skills and knowledge needed to promote inclusiveness, diversity, justice, equity, sensitivity and responsiveness to societal and cultural differences in practice. Restricted to majors.
Offered Spring

OTR 782. OT Professional Development Seminar: Effective Communication and Team Dynamics. (1 Units)

Prerequisites: OTR 547, OTR 735, OTR 781, OTR 557, OTR 559, OTR 732 and OTR 733, and OTR 734 are required. Corequisites: OTR 745, OTR 790, OTR 517, OTR 519, OTR 742, OTR 743, and OTR 744 are required. Introduction to the principles of interprofessional team dynamics, effective communication, and effective intraprofessional collaboration. Restricted to majors.
Offered Summer

OTR 783. OT Professional Development Seminar - Program Development & Funding of OT Services. (1 Units)

Overview of important aspects and processes in developing programs that address occupational therapy needs, including funding sources, such as reimbursement systems and documentation as well as locating and securing grants.
Offered Fall

OTR 784. OT Professional Development Seminar: Administration and Management. (1 Units)

Administration and management concepts and trends that influence service delivery to patients, families, student, and others in community and clinical settings, including supervision of personnel, quality improvement methods, and oversight of credentialing and licensure requirements consistent with federal and state laws.
Offered Fall

OTR 785. OT Professional Development Seminar - Adaptive and Assistive Technology and Devices. (1 Units)

Assessment, selection, fabrication, application, fitting and training of adaptive and assistive technology and devices that enhance occupational performance and foster participation and well-being of persons experiencing limitations due to personal or environmental barriers. Discuss state and federal laws affecting its availability or acquisition.
Offered Fall

OTR 786. OT Professional Development Seminar - Group Interventions. (1 Units)

Historical, theoretical underpinnings and application of group work to populations spanning the lifespan. Focus on group dynamics and understanding human behavior in a variety of contexts to develop appropriate selection, planning, facilitation of group interventions.
Offered Fall

OTR 787. OT Professional Development Seminar-Ergonomics. (1 Units)

Specialized area of ergonomic evaluation and interventions for daily activities at home and in work environments, including body mechanics, work/rest cycles, application of traditional and alternative work environments, application and use of commercially available ergonomic equipment, and development of novel ergonomic applications.

OTR 788. OT Professional Development seminar- Leadership and Advocacy. (1 Units)

Discussion of personal and professional responsibilities as occupational therapist, including ongoing professional development as well as engagement in advocacy, systems and structures that create legislation, and work in an academic setting.

OTR 789. OT Professional Development Seminar: Business Aspects of Practice. (1 Units)

Business aspects of occupational therapy practice, which include the development of business plans, financial management, program evaluation models, and strategic planning.

OTR 790. OTD Capstone Portfolio 1 Needs Assessment: Identifying OT Problem. (1 Units)

Introduction to an individual e-portfolio for the OTD Degree capstone. As the first of five courses, the focus is to perform a needs assessment to identify an OT problem as a baseline for the development of a research or evidence-based capstone project in succeeding courses.
Offered Summer

OTR 791. OTD Capstone Portfolio 2 - Evidence-based Practice: Reviewing Best Intervention. (1 Units)

Evidence-based rehabilitation as applied to occupational therapy practice. The student is mentored through the development of an evidence-based program proposal for a potential capstone experience placement site. A research project proposal may also be acceptable as approved by the academic advisor.
Offered Fall

OTR 792. OTD Capstone Portfolio 3 Capstone Experience. (9 Units)

A 14-week in-depth exposure to one or more of the following: clinical practice skills, research skills, administration, leadership program and policy development, advocacy, education, and theory development. Fulfills the capstone experience requirement of the OTD degree.
Offered Fall

OTR 793. OTD Capstone Portfolio 4 Capstone Project 1. (3 Units)

The first phase of the capstone project completion. The student is mentored through (1) the selection of doctoral capstone project committee, (2) development of a capstone project proposal for committee review and approval, (3) facilitation of the research or evidence-based program.
Offered Fall

OTR 797. OTD Capstone Portfolio 5 Capstone Project 2. (3 Units)

Completion of the capstone project, which includes both a written report and an oral presentation. Capstone committee approval required.
Offered Spring

Occupational Therapy, Master of Science

Program Description

The Entry-level Master of Science in Occupational Therapy (MSOT) Program prepares students for a professional career focused on helping people achieve skills and utilize resources to live independent and meaningful lives. The MSOT degree is a full-time Cohort Program. Students within a specific cohort matriculate together and are expected to take the same courses every semester and to complete the requirements of the program at the same time. MSOT students are assigned to specific sections and are given their class schedule by the department. One cohort of 66-69 students is admitted per year, and the program starts every spring semester.

Academic Advisement

Interested students should contact the Department of Occupational Therapy at (310) 243-2726 or visit <https://www.csudh.edu/ot/> for program specific details, application, and additional information.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from **Heather Kitching: WH A320 - (310) 243- 2726**.

Accreditation

The MSOT Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 7501 Wisconsin Avenue, Suite 510E Bethesda, MD 20814. TEL: (301) 652-AOTA.

Certification

Graduates of the MSOT Program are eligible to sit for the national certification examination for occupational therapists administered by the National Board of Certification in Occupational Therapy (NBCOT). After successful completion of this examination, the graduate will be an Occupational Therapist Registered (OTR).

Licensure

Graduates wishing to practice in the state of California must apply for a state license to practice. A state license is based on successful completion of the NBCOT Certification Examination.

Credentialing Requirements

A felony conviction may affect a graduate's ability to sit for the certification examination administered by the NBCOT or to attain state licensure. NBCOT's certification examination application contains character review questions that must be answered by all exam candidates applying for the certification examination. Applicants who answer "yes" to any of these questions must submit an explanation and official documentation regarding their background to NBCOT's Regulatory Affairs Department at the time of application to take the examination. This information will be reviewed by the NBCOT on an individual basis prior to determining exam eligibility.

An individual who is considering entering an educational program or has already entered an educational program can request an early determination review to have their background reviewed prior to the application for the certification exam. If you have additional questions or would like additional information, you may contact the Credentialing Services at NBCOT, located at One Bank Street, Suite 300, Gaithersburg, Maryland 20878; TEL: (301) 990-7979. Email: info@nbcot.org

Admission to the Master of Science in Occupational Therapy (MSOT) Program

Applicants must submit an application to the MSOT Program through CalStateApply at <https://www2.calstate.edu/apply> (<https://www2.calstate.edu/apply/>).

Applications to the program are accepted one time each year. Students planning to seek admission to the program should submit a complete application - including all supporting materials - no later than September 15 preceding a spring semester admission to the program. For additional information about the admissions process for the MSOT program, please contact the Department of Occupational Therapy at (310) 243-2726, msotadmissions@csudh.edu (email) or refer to the website <https://www.csudh.edu/ot/>.

MSOT Application opens: **August 1st**

Application (ALL documents) deadline: **September 15th**

Admission Requirements

1. A completed and awarded Bachelor of Arts or Sciences degree from a regionally accredited college or university.
2. Completion of the following prerequisites (must be within the last ten years, minimum 3 semester units each, a minimum of B average in all prerequisite courses, and a minimum of C for each course).
 - a. Human Anatomy with laboratory (3 Credits) (<https://www.csudh.edu/ot/>)
 - b. Human Physiology with laboratory (3 Credits)
 - c. Developmental Psychology or Human Development (Across the Lifespan) (3 Credits)
 - d. Abnormal Psychology (3 Credits)
 - e. Statistics (3 Credits)
 - f. Medical Terminology (academic credit or certificate, taken from an accredited institution)
 - i. **Notes:**
 - Combined Human Anatomy and Human Physiology courses are acceptable as long as each are offered with

Lab components, total at least 6 semester units, focus on general gross human structures, and taken from an accredited institution.

- For applicants who completed a 4-unit combined Anatomy and Physiology course with lab that covers all systems, you could take the 2-unit OTR 595 Case-Based Analysis of Anatomical Structures and Functions course offered through CSUDH College of Extended and International Education to meet both Human Anatomy and Human Physiology prerequisite requirements. For inquiries, email: msotadmissions@csudh.edu. (msotadmissions@csudh.edu)
 - It is acceptable to combine two or more Development courses that focus on different life stages, e.g. a course on Childhood Development from infancy to adolescence and a course on Adulthood and Aging.
 - The CSUDH OT Department offers a Medical Terminology in OT Practice Workshop that meets the Medical Terminology prerequisite requirement. For inquiries, email: msotadmissions@csudh.edu
3. A minimum cumulative GPA of 3.0 in bachelor's degree and prerequisite coursework.
 4. Completion of 80 hours of documented volunteer experience under the supervision of a registered occupational therapist; or Successful completion of the department workshop: Foundations of Occupational Therapy <https://www.csudh.edu/ot/curriculum/electives/> To register, (<https://www.csudh.edu/ot/curriculum/electives/>) kindly email the department at msotadmissions@csudh.edu. (msotadmissions@csudh.edu)
 5. Three letters of recommendation: one letter from the occupational therapist supervising volunteer hours and two from professionals that can attest to student's ability to complete graduate coursework.
 6. A minimum combined Verbal and Quantitative GRE Scores of 286, with required minimum scores of 140 on the Quantitative Reasoning and 146 on the Verbal Reasoning sections. A minimum Analytic Writing score of 4 is required. (**Note:** GRE scores must be within the last five years.)
 7. Attendance of an MSOT Information Session prior to applying to the program.
 8. Download and complete Application Checklist (https://www.csudh.edu/Assets/csudh-sites/ot/docs/2022%20OT%20Dual-Application%20Checklist%20Form_.pdf)
 9. Applicants who meet the aforementioned qualifications might be invited for a personal interview with members of the Occupational Therapy Program Admissions Committee. (A decision about admission interviews is to be made by the Committee on a yearly basis.)
 10. If accepted, completion of the CSUDH medical history questionnaire and physical examination with proof of required immunizations are mandatory.

11. If accepted, student must sign up for all fieldwork management, background screening and/or compliance tracking systems being utilized by the program prior to admission.

For additional information about the admissions process for the MSOT program, please contact the Department of Occupational Therapy at 310-243-2726 or refer to the website <https://www.csudh.edu/ot/>

Graduation Requirement

The entry-level Master of Science in Occupational Therapy (MSOT) Program is comprised of 98 units of entry-level professional didactic and clinical coursework offered in a semester format (including summer sessions). Courses are listed by course number and title as a sequence of seven consecutive semesters, five didactic and two full-time clinical internships.

Requirements

MSOT Required Courses for Graduation

All courses listed below are required for the MSOT Program and need to be taken in the prescribed sequence.

Total Course Requirements for the Master's Degree (98 units)

- Completion of a B.S. or B.A. in another field of study.
- Completion of specific prerequisites for admission to the program.
- Completion of the following didactic and clinical courses in the sequence offered:

The entry level Master of Science in Occupational Therapy Program is comprised of 98 units of entry-level professional didactic and clinical coursework offered in a semester format including Summer Sessions. Courses are listed by course number and title as a sequence of seven consecutive semesters, five didactic and two full-time clinical internships.

Requirements

| Code | Title | Hours |
|--|---|-------|
| Semester One - Foundations (16 units) | | |
| OTR 500 | Person-Environment-Occupation | 2 |
| OTR 502 | History of Occupation | 2 |
| OTR 504 | Activities Across the Lifespan | 3 |
| OTR 506 | Interactive Reasoning | 3 |
| OTR 508 | Professional Development Seminar - Portfolio I: Introduction to E-Portfolio | 1 |
| OTR 510 | Introduction to Frameworks for Occupational Therapy Practice | 2 |
| OTR 512 | Human Anatomy | 3 |
| Semester Two - Adolescence (17 units) | | |
| OTR 515 | Occupation Across the Lifespan I: Adolescence | 3 |
| OTR 517 | Assessments in Occupational Therapy Practice: Adolescence | 1 |
| OTR 519 | Interventions in Occupational Therapy Practice - Adolescence | 2 |
| OTR 521 | Conditions Affecting Health I - Adolescents | 2 |
| OTR 523 | Case Seminar I - Adolescent | 1 |
| OTR 525 | OT Research I - Qualitative Research Methods for Health Professionals | 2 |

| | | |
|---|--|-----------|
| OTR 527 | Foundations of Kinesiology for Occupational Therapy | 4 |
| OTR 529 | Fieldwork I Adolescents | 1 |
| OTR 530 | Professional Development Seminar - Portfolio II: Ethics | 1 |
| Semester Three - Pediatrics (17 units) | | |
| OTR 535 | Conditions Affecting Health I - Adolescents | 3 |
| OTR 537 | Assessments in Occupational Therapy Practice: Pediatrics | 2 |
| OTR 539 | Interventions in Occupational Therapy Practice - Pediatrics | 2 |
| OTR 541 | Conditions Affecting Health II - Pediatrics | 2 |
| OTR 543 | Case Seminar II Pediatrics | 1 |
| OTR 547 | Neurological Foundations of Oc | 5 |
| OTR 550 | Level I Fieldwork - Pediatrics | 1 |
| OTR 552 | Professional Development Seminar - Portfolio III: Qualitative Research Project | 1 |
| Semester Four - Adult (15 units) | | |
| OTR 545 | OT Research II - Quantitative Research Methods for Health Professions | 3 |
| OTR 553 | Professional Development Seminar - Portfolio IV: Evidence-Based Practice in Occupational Therapy | 1 |
| OTR 555 | Occupation Across the Lifespan III - Adult | 3 |
| OTR 557 | Assessments in Occupational Therapy Practice: Adult | 2 |
| OTR 559 | Interventions in Occupational Therapy Practice: Adult | 2 |
| OTR 561 | Conditions Affecting Health III - Adults | 2 |
| OTR 563 | Case Seminar III Adult | 1 |
| OTR 571 | Level I Fieldwork - Adults | 1 |
| Semester Five - Genetics (15 units) | | |
| OTR 554 | Professional Development Seminar - Portfolio V: Quantitative Research Project | 1 |
| OTR 567 | Administration & Management in Occupational Therapy | 2 |
| OTR 569 | Adaptive & Assistive Tech | 2 |
| OTR 575 | Occupation Across the Lifespan IV - Geriatrics | 3 |
| OTR 577 | Assessments in Occupational Therapy Practice: Geriatrics | 1 |
| OTR 579 | Interventions in Occupational Therapy Practice: Geriatrics | 2 |
| OTR 581 | Conditions Affecting Health IV - Geriatrics | 2 |
| OTR 583 | Case Seminar IV Geriatrics | 1 |
| OTR 591 | Level I Fieldwork - Geriatrics | 1 |
| Semester Six (9 units) | | |
| OTR 592 | Fieldwork II A | 9 |
| Semester Seven (9 units) | | |
| OTR 593 | Fieldwork II B | 9 |
| Capstone Clinical Capston ¹ | | |
| Total Hours | | 98 |

¹ Capstone Clinical Project consists of a comprehensive evidence-based clinical paper, an oral and clinical competence presentation.

Other Requirements

Transportation

Students will be responsible for transportation and housing during Fieldwork Levels I and II and may be required to attend a Fieldwork II experience in neighboring states.

Uniforms

Uniforms or a CSUDH polo shirt, and/or laboratory coats may be required in some fieldwork settings. Purchase of a lab coat, CSUDH polo shirt/uniform and name tag are the responsibility of the student.

Health Insurance/Immunizations

Student must have evidence of health insurance and a record of current and past immunizations at the time of admission into the program.

Fingerprinting and Background Check

Students may be required to complete and submit a Live Scan Fingerprint and criminal background check as preparation for some Fieldwork Levels I and II. Many centers hosting Fieldwork students serve vulnerable populations that by law require the background check of all service providers and student affiliates. The results of the Live Scan will be held in strict confidentiality.

Physical Examination

Students admitted to the program will be required to supply evidence of a completed physical examination and immunization records. Physical exams can be completed by the family physician or Student Health Center if the student is a member of the student health program. A form will be provided at the time of admission into the program.

Program Learning Outcomes

Upon completion of the entry-level MSOT, students will be able to...

1. demonstrate entry-level knowledge of the basic and clinical sciences and skills essential to practice occupational therapy;
2. use knowledge of how humans construct meaning and seek adaptation through occupation across the lifespan;
3. demonstrate mastery of entry-level professional clinical skills specific to all areas identified in the Practice Frameworks for Occupational Therapy;
4. serve the needs of diverse and underserved populations with demonstrated sensitivity to psychosocial identity and cultural and ethnic heritage;
5. implement occupational therapy services that maintain health and wellness and remediate dysfunction;
6. apply principles and constructs of ethics to individual, institutional and societal problems and demonstrate competence in developing appropriate resolutions to these problems;
7. identify researchable problems, advocate for and participate in research, and incorporate findings into clinical practice;
8. provide scholarly contributions to the knowledge base of the profession through written and oral communication;
9. relate theory with practice and use research evidence to think critically about or adapt new and existing practice environments based on population needs and research evidence;
10. participate in advocacy and educational roles with patients and their families, students, and others in community and clinical settings;

11. serve as practitioners and leaders who can influence practice, education, and policy development;
12. assume leadership roles at the local, state, national and international levels in occupational therapy and in health professions.
13. achieve success in Fieldwork settings, the national board examination and become licensed to practice occupational therapy.

Occupational Therapy, Doctorate

Program Description

The Entry-level Occupational Therapy Doctorate (OTD) Program prepares students for a professional career focused on helping people achieve skills and utilize resources to live independent and meaningful lives.

The OTD program aims to meet the increasing demand for highly skilled occupational therapy practitioners within the dynamic nature of contemporary health and human services delivery systems. The program is structured towards producing client-centered occupational therapists with enhanced critical thinking abilities. It aims to produce professionals who can research, develop, implement, and evaluate procedures utilizing a high degree of independent judgment and to consult where appropriate with other members of the health care team. The OTD Program educate occupational therapists that possess advanced knowledge and skills as direct care providers, consultants, educators, managers, leaders, researchers, and advocates for the profession and the consumer, as defined and prescribed by the Accreditation Council for Occupational Therapy Education (ACOTE).

Academic Advisement

Interested students should contact the Department of Occupational Therapy at (310) 243-2726 or visit <https://www.csudh.edu/ot/> for program specific details, application and additional information.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements are available from **Eric Hwang: WH A320 - (310) 243- 2726**.

Accreditation

The Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) has granted the OTD Program approval of candidacy status in February 2023 (step 1), which allows the Program to admit students. Although the "Candidacy Status" designation does not guarantee that the program will be accredited, it indicates that the resource allocation and plan for development of the proposed program appear to demonstrate the

ability to meet ACOTE Standards. With the granted Candidacy Status, the program will submit a Report of Self-Study for review by ACOTE (step 2) and will have an on-site evaluation (step 3). The Program anticipates attaining its full accreditation in August 2025. The AOTA is located at 7501 Wisconsin Avenue, Suite 510E Bethesda, MD 20814. TEL: (301) 652-AOTA.

Certification

Upon the Program's full accreditation by the ACOTE, graduates are eligible to sit for the national certification examination for occupational therapists administered by the National Board of Certification in Occupational Therapy (NBCOT). After successful completion of this examination, the graduate will be an Occupational Therapist Registered (OTR).

Licensure

Graduates wishing to practice in the state of California must apply for a state license to practice. A state license is based on successful completion of the NBCOT Certification Examination.

Credentialing Requirements

A felony conviction may affect a graduate's ability to sit for the certification examination administered by the NBCOT or to attain state licensure. NBCOT's certification examination application contains character review questions that must be answered by all exam candidates applying for the certification examination. Applicants who answer "yes" to any of these questions must submit an explanation and official documentation regarding their background to NBCOT's Regulatory Affairs Department at the time of application to take the examination. This information will be reviewed by the NBCOT on an individual basis prior to determining exam eligibility.

An individual who is considering entering an educational program or has already entered an educational program can request an early determination review to have their background reviewed prior to the application for the certification exam. If you have additional questions or would like additional information, you may contact the Credentialing Services at NBCOT, located at One Bank Street, Suite 300, Gaithersburg, Maryland 20877; TEL: (301) 990-7979. Email: professional.conduct@nbcot.org (character.review@nbcot.org).

Admission to the Entry-Level Occupational Therapy Doctorate (OTD) Program

Applications to the OTD program are accepted one time each year. Students planning to seek admission to the program should complete the on-line application and submit a complete application packet including all supporting materials by February 28 preceding a summer semester admission to the program.

Applications for admission to CSU Dominguez Hills must be completed on-line at <https://www2.calstate.edu/apply> (<https://www2.calstate.edu/apply/>).

OTD Application opens: **February 1st**

Application (ALL documents) deadline: **February 28th**

Admissions Requirements

- A completed and awarded Bachelor of Arts or Sciences degree from a regionally accredited college or university.
- Completion of the following prerequisites (must be within the last ten years, minimum 3 semester units each, a minimum of B average in all prerequisite courses, and a minimum of C for each course).
 - Human Anatomy with laboratory (3 Credits)
 - Human Physiology with laboratory (3 Credits)
 - Developmental Psychology or Human Development (Across the Lifespan) (3 Credits)
 - Abnormal Psychology (3 Credits)
 - Statistics (3 Credits)
 - Medical Terminology (academic credit or certificate, taken from an accredited institution)
 - **Notes:**
 - Combined Human Anatomy and Human Physiology courses are acceptable as long as each are offered with Lab components, total at least 6 semester units, focus on general gross human structures, and taken from an accredited institution.
 - For applicants who completed a 4-unit combined Anatomy and Physiology course with lab that covers all systems, you could take the 2-unit OTR 595 Case-Based Analysis of Anatomical Structures and Functions course offered through CSUDH College of Extended and International Education to meet both Human Anatomy and Human Physiology prerequisite requirements. For inquiries, email: otdmissions@csudh.edu.
 - It is acceptable to combine two or more Development courses that focus on different life stages, e.g. a course on Childhood Development from infancy to adolescent and a course on Adulthood and Aging.
 - The CSUDH OT Department offers a Medical Terminology in OT Practice Workshop that meets the Medical Terminology prerequisite requirement. For inquiries, email: otdmissions@csudh.edu.
- A minimum cumulative GPA of 3.0 in bachelor's degree and prerequisite coursework.
- Completion of 80 hours of documented volunteer experience under the supervision of a registered occupational therapist.
- Three letters of recommendation: one letter from the occupational therapist supervising volunteer hours and two from professionals that can attest to student's ability to complete graduate coursework.
- A minimum combined Verbal and Quantitative GRE Scores of 286, with required minimum scores of 140 on the Quantitative Reasoning and 146 on the Verbal Reasoning sections. A minimum Analytic Writing score of 4 is required. (**Note:** GRE scores must be within the last five years.)
- Attendance of an OTD Information Session prior to applying to the program.
- Download and complete Application Checklist (https://www.csudh.edu/Assets/csudh-sites/ot/docs/2022%20OT%20Dual-Application%20Checklist%20%20Form_.pdf)

- Applicants who meet the aforementioned qualifications will be invited for a personal interview with members of the Occupational Therapy Program Admissions Committee.
- If accepted, completion of the CSUDH medical history questionnaire and physical examination with proof of required immunizations are mandatory.
- If accepted, student must sign up for all fieldwork management, background screening and/or compliance tracking systems being utilized by the program prior to admission.

For additional information about the admissions process for the Occupational Therapy Doctorate program, please contact the Department of Occupational Therapy at 310-243-2726, otdmissions@csudh.edu or refer to the website <https://www.csudh.edu/ot/>

Semester One (Summer) - Foundations (13 units - 6 courses)

| Code | Title | Hours |
|---------|--|-------|
| OTR 512 | Human Anatomy | 3 |
| OTR 701 | The Historical Analysis of Occupational Therapy Profession | 2 |
| OTR 713 | OT Frameworks and Models of Practice | 2 |
| OTR 714 | Introduction to Population Health | 2 |
| OTR 715 | OTD Research Portfolio 1 Introduction to Research Portfolio: Literature Review | 1 |
| OTR 719 | Therapeutic Activities and Group Dynamics Across the Lifespan | 3 |

Semester Two (Fall) - Pediatrics (18 units - 8 courses)

| Code | Title | Hours |
|---------|--|-------|
| OTR 527 | Foundations of Kinesiology for Occupational Therapy | 4 |
| OTR 537 | Assessments in Occupational Therapy Practice: Pediatrics | 2 |
| OTR 539 | Interventions in Occupational Therapy Practice - Pediatrics | 2 |
| OTR 722 | Clinical Fieldwork I in a Pediatric Setting | 1 |
| OTR 723 | Clinical Reasoning in Occupational Therapy: Pediatric Conditions and Case Analysis | 3 |
| OTR 724 | Person, Environment, Occupation and Health Promotion in Pediatric Populations | 2 |
| OTR 725 | OTR Research Portfolio 2 - Methodologies in Quantitative Research | 3 |
| OTR 780 | OT Professional Development Seminar: OT Code of Ethics | 1 |

Semester Three (Spring - Adult (18 units - 8 courses)

| Code | Title | Hours |
|---------|--|-------|
| OTR 547 | Neurological Foundations of Oc | 5 |
| OTR 557 | Assessments in Occupational Therapy Practice: Adult | 2 |
| OTR 559 | Interventions in Occupational Therapy Practice: Adult | 2 |
| OTR 732 | Clinical Fieldwork I in an Adult Setting | 1 |
| OTR 733 | Clinical Reasoning in Occupational Therapy: Adult Conditions & Case Analyses | 3 |

| | | |
|---------|--|---|
| OTR 734 | Person, Environment, Occupation, and Health Promotion in Adult Populations | 2 |
| OTR 735 | OTD Research Portfolio 3 - Quantitative Research Project | 2 |
| OTR 781 | OT Professional Development Seminar: The Reflective Occupational Therapist | 1 |

Semester Four (Summer) - Adolescent (13 units - 8 courses)

| Code | Title | Hours |
|---------|---|-------|
| OTR 517 | Assessments in Occupational Therapy Practice: Adolescence | 1 |
| OTR 519 | Interventions in Occupational Therapy Practice - Adolescence | 2 |
| OTR 742 | Clinical Fieldwork I in and Adolescent Setting | 1 |
| OTR 743 | Clinical Reasoning in Occupational Therapy: Adolescent Conditions and Case Analyses | 3 |
| OTR 744 | Person, Environment, Occupation and Health Promotion in Adolescent Populations | 2 |
| OTR 745 | OTD Research Portfolio 4 - Methodologies in Qualitative Research | 2 |
| OTR 782 | OT Professional Development Seminar: Effective Communication and Team Dynamics | 1 |
| OTR 790 | OTD Capstone Portfolio 1 Needs Assessment: Identifying OT Problem | 1 |

Semester Five (Fall) - Geriatrics (16 units - 11 courses)

| Code | Title | Hours |
|---------|---|-------|
| OTR 577 | Assessments in Occupational Therapy Practice: Geriatrics | 1 |
| OTR 579 | Interventions in Occupational Therapy Practice: Geriatrics | 2 |
| OTR 753 | Clinical Reasoning in Occupational Therapy: Geriatric Conditions & Case Analyses | 3 |
| OTR 754 | Person, Environment, Occupation, and Health Promotion in Geriatric Populations | 2 |
| OTR 755 | OTD Research Portfolio 5: Qualitative Research Project | 2 |
| OTR 783 | OT Professional Development Seminar - Program Development & Funding of OT Services | 1 |
| OTR 784 | OT Professional Development Seminar: Administration and Management | 1 |
| OTR 785 | OT Professional Development Seminar - Adaptive and Assistive Technology and Devices | 1 |
| OTR 786 | OT Professional Development Seminar - Group Interventions | 1 |
| OTR 791 | OTD Capstone Portfolio 2 - Evidence-based Practice: Reviewing Best Intervention | 1 |

Semester Six (Spring) - (9 units - 1 course)

| Code | Title | Hours |
|---------|----------------|-------|
| OTR 592 | Fieldwork II A | 9 |

Semester Seven (Summer) - (9 units - 1 course)

| Code | Title | Hours |
|---------|----------------|-------|
| OTR 592 | Fieldwork II A | 9 |

Semester Eight (Fall) - Capstone, Electives, and Advanced Clinical Courses (12 units - 2 courses)

| Code | Title | Hours |
|---------|--|-------|
| OTR 792 | OTD Capstone Portfolio 3 Capstone Experience | 9 |
| OTR 793 | OTD Capstone Portfolio 4 Capstone Project 1 | 3 |

Semester Nine (Spring) - Capstone, Electives, and Advanced Clinical Courses (12 units - number of courses to be determined)

| Code | Title | Hours |
|---------|---|-------|
| OTR 787 | OT Professional Development Seminar- Ergonomics | 1 |
| OTR 788 | OT Professional Development seminar- Leadership and Advocacy | 1 |
| OTR 789 | OT Professional Development Seminar: Business Aspects of Practice | 1 |
| OTR 797 | OTD Capstone Portfolio 5 Capstone Project 2 (Electives (6 units) to be determined with Academic Advisor Approval) | 3 |

Electives (6 units) to be determined with Academic Advisor Approval

| | | |
|---------|----------------------------------|-----|
| OTR 794 | Independent Study | 1 |
| OTR 795 | Special Topics | 1-3 |
| OTR 796 | Practicum: Supervised Internship | 1-3 |
| OTR 798 | Directed Research | 1-3 |
| OTR 799 | Capstone | 1-3 |

ENTRY-LEVEL OTD PROGRAM LEARNING OUTCOMES

Upon completion of the entry-level OTD, students will be able to...

1. demonstrate mastery of entry-level clinical assessment and intervention skills needed for evidence-based occupational therapy services that address all areas identified in the Occupational Therapy Practice Framework;
2. use research evidence to think critically on how to address client population needs;
3. apply occupational therapy theory related to how humans across the lifespan construct meaning and seek adaptation through occupation to achieve expected outcomes;
4. demonstrate in-depth knowledge of service delivery models, policies, and systems related to practice settings in both traditional and emerging areas;
5. apply the principles and constructs of the occupational therapy code of ethics in responding to individual, institutional, and societal problems;
6. demonstrate clear and effective communication, both written and verbal, to display professionalism and contribute to the enhancement of practice;
7. display sensitivity and responsiveness to societal and cultural differences to better serve the needs of diverse and underserved populations;
8. initiate and conduct high-quality research that contributes to the understanding and promotion of health and well-being of individuals within occupational therapy practice;

9. contribute to the profession by submitting scholarly work to peer reviewed professional publications and/or for presentation at clinical or scientific meetings;
10. assume leadership, management, and administrative roles that influence service delivery to patients, families, students, and others in community and clinical settings;
11. participate in advocacy, education, and policy development that promote the advancement of occupational therapy profession;
12. demonstrate in-depth knowledge in one or more of the following areas: clinical practice specialty skills, research skills, administration, leadership, program and policy development, advocacy, education, and theory development.

Organizational Leadership Studies

College of Business Administration and Public Policy

Program Description

The Bachelor of Science in Organizational Leadership Studies is a specially designed online degree program that meets the needs of diverse students who have significant work experience and/or have made progress toward or achieved associate degrees that they may readily transfer to pursue upper-division coursework. This program emphasizes workplace applications of academic subjects enabling students to obtain a Bachelor of Science degree with advanced coursework preparing them for management and/or leadership roles in their professions.

Academic Advisement

This program is dependent upon close and careful advising. The development and maintenance of close advising relationships between students and the Program Office is the key factor in assuring that the Organizational Leadership Studies program meets the needs of the students that it was designed to serve. Students should contact the Program Office for a pre-application advising appointment.

Preparation

Students are recommended to have significant lower-division courses and/or general education courses completed (minimum 56 semester or equivalent units) prior to admission to the Organizational Leadership Studies major. An applicant who does not already possess an Associate Degree will be counseled to meet the minimum number of units for transfer. The University works closely with community colleges throughout the region to ensure that potential Organizational Leadership Studies majors are appropriately counseled to facilitate their transition to upper-division status. Work experience, while highly desirable, is not specifically required for admission to the Organizational Leadership Studies degree program.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in Organizational Leadership Studies provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Undergraduate Programs

Bachelor

- Organizational Leadership Studies , Bachelor of Science (p. 745)

Faculty

Organizational Leadership Studies is part of the Public Administration Department in the School of Public Service and Justice within the College of Business Administration and Public Policy.

Elena Kulikov, Department Chair

Hugo Asencio, Theodore Byrne, Qiyuan Jin, Hui Li, Fynnwin Prager, Saahir Shafi, Rui Sun, Zheng Yang

Academic Advisement and Student Services

Office: II 3500

Betty Vu, Assistant Dean (Program Director)

Alejandra Martinez-Ramos, Enrollment Advisor

Phone: (310) 243-3646

Email: orgleadership@csudh.edu

Courses

OLS 300. Ethos Libl Arts & Role of Work. (3 Units)

Examines the relationship between liberal arts and sciences education and the competencies required to function effectively in social and occupational settings. Readings and assignments emphasize integration and application of skills, knowledge, perspectives, and values acquired through liberal arts and sciences.

Offered Fall, Spring

OLS 490. Sem in Occupational Leadership. (3 Units)

Prerequisites: OLS 300, satisfaction of GVAR and Senior Standing. Required of all applied studies majors. Interdisciplinary analysis of leadership in selected occupational areas. Creation and presentation of student portfolios demonstrating occupational accomplishment. Three hours of seminar per week.

Offered Fall, Spring

OLS 494. independent Study in Organizational Leadership Studies. (3 Units)

Prerequisite: Consent of the program director. Independent research or other study under the direction of a full-time faculty member of the Applied Studies Program. CR/NC grading.

Offered As needed

OLS 495. special Topics in Organizational Leadership Studies. (3 Units)

Prerequisite: Consent of the program director. Advanced seminar on a topic of current interest to the discipline of Organizational Leadership Studies. Three hours of seminar per week. Repeatable Course.

Offered Infrequent

OLS 496. Internship in Organizational Leadership Studies. (3 Units)

Prerequisite: Consent of Program Director. Under direction of the Internship Coordinator, students work in an organization applying skills and knowledge learned in the classroom. CR/NC grading. Repeatable course.

Offered Infrequent

Organizational Leadership Studies , Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

The Bachelor of Science in Organizational Leadership Studies will consist of a minimum of 120-semester units, based on the assumption that the majority of applicants will have completed a 60 unit Associate of Science (or equivalent) degree. The major will consist of 51 semester units. All courses require a "C" or better grade to complete the major. The structure of the program is:

1. Associate of Science degree from an accredited community college, or the equivalent.
2. Common Core Requirements (21 units)
3. Organizational Leadership Studies Major Courses (6 units)
4. Major Requirements (24 units)
 - Public Sector Management Track or
 - Strategic Communications Track

Each element of the program's structure is discussed briefly below.

A. Associate of Science or Equivalent Degree

Most potential students will come with an associate degree or the equivalent completed. Up to 18 units of lower-division technical coursework may be integrated as a part of the degree program. Depending on their lower division majors and the requirements for associates' degrees from different community colleges, some students may also be required to pursue additional lower-division course work beyond 60 units. Thus, an applicant will need to have completed a minimum of 38 units of regularly transferable course work at the lower division level.

B. Organizational Leadership Studies Required Courses (6 units)

| Code | Title | Hours |
|---------|--------------------------------|-------|
| OLS 300 | Ethos Libl Arts & Role of Work | 3 |
| OLS 490 | Sem in Occupational Leadership | 3 |

C. Common Core Courses (21 units)

| Code | Title | Hours |
|--|-------------------------|-------|
| Select seven courses from the list below: 21 | | |
| ANT 335 | Comparative Cultures | |
| BUS 300 | Business Communications | |

| | |
|---------|---|
| COM 365 | Introduction to Public Relations |
| ENG 352 | Writing and Speaking Skills for Management |
| HIS 301 | Individual, Family, and Community in Historic Perspective |
| HIS 348 | Labor In American Society |
| MGT 310 | Management Theory |
| MGT 416 | Leadership |
| POL 310 | Current Issues in American Government |
| POL 335 | Introduction to International Relations |
| PSY 372 | Industrial and Organizational Psychology |
| THE 320 | Speech Skills and Techniques |

D. Major Requirements (24 units)

Students select either the Strategic Communication Track or the Public Sector Management Track to satisfy major requirements (24 units):

1. Strategic Communications Track (24 units)¹

| Code | Title | Hours |
|---|--|-------|
| Strategic Communications Electives | | |
| Select eight courses from the following: ¹ | | 21 |
| BUS 300 | Business Communications | |
| HRM 313 | Human Resources Management | |
| HRM 316 | Labor & Industrial Relations | |
| LBR 411 | Contracts & Negotiations | |
| LBR 412 | Labor Law | |
| MGT 310 | Management Theory | |
| MGT 312 | Organizational Behavior | |
| MGT 416 | Leadership | |
| MGT 430 | Strategic Communication | |
| MKT 350 | Principles Of Marketing | |
| PSY 372 | Industrial and Organizational Psychology | |
| SOC 315 | Sociology Of Work | |
| Any upper division Communications course | | |
| Any upper division Economics course | | |
| Any upper division Law course | | |
| Any upper division Public Administration course | | |
| BUS 300, COM 365, MGT 310, MGT 416, or PSY 372 may be selected if not taken in the Common Core. | | |

¹ In case of course unavailability or time conflicts, please consult the academic advisor for substitution approval.

2. Public Sector Management Track (24 units)¹

| Code | Title | Hours |
|---|------------------------------|-------|
| Public Sector Management Electives | | |
| Select eight courses from the following: | | 18 |
| BUS 300 | Business Communications | |
| HRM 313 | Human Resources Management | |
| HRM 316 | Labor & Industrial Relations | |
| LBR 411 | Contracts & Negotiations | |
| LBR 412 | Labor Law | |
| MGT 310 | Management Theory | |
| MGT 312 | Organizational Behavior | |
| MGT 416 | Leadership | |

| | |
|--|---|
| MKT 350 | Principles Of Marketing |
| PSY 372 | Industrial and Organizational Psychology |
| SOC 315 | Sociology Of Work |
| Any upper division Communications course | |
| Any upper division Economics course | |
| Any upper division Law course | |
| Any upper division Public Administration course ² | |
| BUS 300 | Business Communications ² |
| COM 365 | Introduction to Public Relations ² |
| MGT 310 | Management Theory ² |
| MGT 416 | Leadership ² |
| PSY 372 | Industrial and Organizational Psychology ² |

Total Hours 18

¹ In case of course unavailability or time conflicts, consult the advisor for substitution approval.

² May be selected if not taken in the Common Core.

Program Learning Outcomes

1. Display Critical Thinking Skills through the application of ideas to real world concepts, as well as theoretical and practical problems related to an occupation.
2. Demonstrate understanding of occupational leadership skills in exams, in course papers, through group discussions, and in final project.
3. Exhibit Writing Skills that enable them to organize and explain ideas and solve problems using conventions of academic and professional writing
4. Design a professional development plan for a future career which may include changes in careers or objectives.
5. Demonstrate integration of technical, management, and liberal arts knowledge and skills in the current work settings.

4 Year Roadmap

| Course | Title | Hours |
|--------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A1 | Oral Communication | 3 |
| GE Area B1 | Physical Science | 3 |
| GE Area C1 | Arts Courses | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 | Written Communication | 3 |
| GE Area B2 | Life Science | 3 |
| GE Area B3 | Science Laboratory | 1 |
| GE Area C2 | Letters Course | 3 |
| GE Area D1 | Perspectives on Individuals, Groups, and Society | 3 |
| Hours | | 13 |
| Second Year | | |
| Fall | | |
| GE Area A3 | Logic/Critical Thinking | 3 |
| GE Area C1 or C2 | Arts or Letters GE course | 3 |
| GE Area B4 | Quantitative Reasoning and Problem Solving | 3 |
| GE Area D2 | Global and Historical Perspectives | 3 |

| | | |
|--------------|--|-----------|
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |

| | | |
|--------------------------|--|-----------|
| Spring | | |
| GE Area F Ethnic Studies | | |
| CHS 340 | Native American and Chicana Women's Narrative | 3 |
| EAR 312 | Natural Disasters | 3 |
| IDS 318 | Interdisciplinary Approach to Cultural Pluralism | 3 |
| Hours | | 12 |

| | | |
|-------------------|---|-----------|
| Third Year | | |
| Fall | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| OLS 300 | Ethos Libl Arts & Role of Work | 3 |
| PSY 372 | Industrial and Organizational Psychology | 3 |
| MGT 416 | Leadership | 3 |
| Hours | | 12 |

| | | |
|---------------|---|-----------|
| Spring | | |
| MGT 312 | Organizational Behavior | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| POL 335 | Introduction to International Relations | 3 |
| SOC 315 | Sociology Of Work | 3 |
| Hours | | 12 |

| | | |
|--------------------|--|-----------|
| Fourth Year | | |
| Fall | | |
| COM 365 | Introduction to Public Relations | 3 |
| THE 320 | Speech Skills and Techniques | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| ENG 352 | Writing and Speaking Skills for Management | 3 |
| BUS 300 | Business Communications | 3 |
| Hours | | 15 |

| | | |
|---------------|--------------------------------|-----------|
| Spring | | |
| HRM 316 | Labor & Industrial Relations | 3 |
| MGT 310 | Management Theory | 3 |
| OLS 490 | Sem in Occupational Leadership | 3 |
| MKT 350 | Principles Of Marketing | 3 |
| HRM 313 | Human Resources Management | 3 |
| Hours | | 15 |

Total Hours 109

2 Year Roadmap

| Course | Title | Hours |
|-------------------|---|-----------|
| First Year | | |
| Fall | | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| OLS 300 | Ethos Libl Arts & Role of Work | 3 |
| PSY 372 | Industrial and Organizational Psychology | 3 |
| MGT 416 | Leadership | 3 |
| CHS 340 | Native American and Chicana Women's Narrative | 3 |
| Hours | | 15 |

| | | |
|---------------|---|-----------|
| Spring | | |
| SOC 315 | Sociology Of Work | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| MGT 412 | Small Business Management | 3 |
| THE 320 | Speech Skills and Techniques | 3 |
| POL 335 | Introduction to International Relations | 3 |
| Hours | | 15 |

| | | |
|--------------------|--|---|
| Second Year | | |
| Fall | | |
| BUS 300 | Business Communications | 3 |
| ENG 352 | Writing and Speaking Skills for Management | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| COM 365 | Introduction to Public Relations | 3 |

| | | |
|--------------------|--|-----------|
| HRM 313 | Human Resources Management | 3 |
| Hours | | 15 |
| Spring | | |
| MKT 350 | Principles Of Marketing | 3 |
| HRM 316 | Labor & Industrial Relations | 3 |
| MGT 310 | Management Theory | 3 |
| OLS 490 | Sem in Occupational Leadership | 3 |
| SMT 312 | Natural Disasters | 3 |
| IDS 318 | Interdisciplinary Approach to Cultural Pluralism | 3 |
| Hours | | 18 |
| Total Hours | | 63 |

Philosophy

College of Arts and Humanities
Philosophy Department

Program Description

The Philosophy Department offers a major and a minor in Philosophy and a minor in Religious Studies. The program provides a strong foundation in the history of Western thought and deals with a variety of ongoing philosophical and religious issues, tracing them from their origins in early Greek and other historical sources to current theories and disputes. The department offers a variety of courses in contemporary philosophy, including phenomenology and applied ethics. The department recognizes the importance of cultural diversity and through its course offerings addresses multicultural concerns.

Features

The faculty members of the Philosophy Department bring with them a deep interest in their subjects and together provide a wide spectrum of interests and expertise in the areas of both philosophy and religious studies. All of the faculty members hold their doctoral degrees from highly respected universities and are active in research and writing.

In scheduling classes, the department endeavors to provide sufficient course offerings to permit working students the opportunity to complete the major in a timely manner. For full-time students, courses necessary to fulfill the major are offered within a four-semester period.

Academic Advisement

Students should consult an advisor as early as possible to plan the most suitable combination of courses in advance.

Assessment

Students in the Philosophy program are involved in ongoing assessment. As part of the requirements of core courses, journals are required in addition to other written assignments such as research papers. The PHI 490 Seminar functions as a capstone experience in which work generated from previous courses in philosophy is reviewed to assist in determining the overall progress of the student in the Philosophy program.

Preparation

High school students are encouraged to take four years of English and courses in the humanities and sciences.

Transfer students should contact their Advising Center or the CSU Dominguez Hills Philosophy Department to identify appropriate lower-division major/minor preparatory courses.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Philosophy provided that he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper-division requirements in the major;
3. Four upper-division courses, including PHI 490 Seminar, taken in the Philosophy Department.

Career Possibilities

The study of Philosophy provides students with the mental tools and skills necessary for clear thinking and analysis. This training provides students with the skills to understand the intricacies of virtually any area chosen as a basis for livelihood. For those students interested in doing graduate work in the field or in closely related fields, the major offers a well-rounded preparation for more advanced studies. Furthermore, the bachelor's degree in Philosophy provides quality preparation for advanced studies in fields such as law, medicine, and theology, among others. Our majors have found careers in business consulting, law, teaching, higher education, counseling, financial advising, public service, seminary, humanitarian organizations, and environmental organizations. Students might also consider Philosophy as a "second major," providing a balance for their primary major, be it in the humanities or the sciences.

Undergraduate Programs

Bachelor

- Philosophy, Bachelor of Arts (p. 749)

Minor

- Philosophy, Minor (p. 752)
- Religious Studies, Minor (p. 752)

Faculty

Brian Gregor, Department Chair
Dana S. Belu, Sheela Pawar, Robert Jones

Department Office: LCH C-312, (310) 243-3636

Emeriti Faculty

Charles Fay, William Hagan, John LaCorte, Donald Lewis, Eiichi Shimomisse, Rudy Vanterpool

Courses

PHI 101. Moral Problems. (3 Units)

The role of morals as motivations and goals in our lives. General knowledge of what values are and how they influence us on individual and societal levels. Students will construct solutions to moral problems, for example, problems of justice.
Offered Fall, Spring, All terms

PHI 102. Humanity, Nature & God. (3 Units)

Critical examination of perennial philosophical issues such as the nature of philosophy, the existence of God, free will, truth. Both Western and non-Western perspectives are discussed. Gives student general understanding of his/her societal context. Essays as well as exams.
Offered Fall, Spring

PHI 120. Critical Reasoning. (3 Units)

Introduction to methods of critical thinking including the nature of arguments, formal and informal fallacies, deductive and inductive arguments. Provides student with critical skills in both academic and non-academic context. A-C-/NC grading.
Offered Fall, Spring, Summer, All terms

PHI 201. The Good Life. (3 Units)

Prerequisite: ENG 110 is recommended. Explores philosophical approaches to the art of living. Readings will focus on ancient Greek and Roman philosophy as a way of life, along with a selection of religious and non-Western philosophies of the good life.
Offered Spring

PHI 202. The Devil You Don't Know. (3 Units)

Prerequisite: ENG 110 is recommended. The development of the idea of the Devil and related ideas such as sin, evil, temptation, and the nature of the human. Investigates the Devil in scripture, philosophy, literature, and film. Includes Jewish, Christian and Muslim sources.
Offered Fall, Spring

PHI 220. Symbolic Logic. (3 Units)

Introduction to symbolic logic and its relation to everyday language. Students study deductive and inductive reasoning, the logical content and consistency of statements, truth-functional operations, analysis of arguments for validity and invalidity, logical fallacies, and elementary quantification theory.
Offered Spring

PHI 300. Proseminar. (3 Units)

Prerequisite: 6 units in LD Philosophy or department consent. An introduction to philosophical methods, research and dialogue in order to improve students' skills at writing and analysis. Topics to be covered will address some central area or areas of philosophy and will vary from year to year.
Offered Fall, Spring

PHI 301. Ancient Greek and Roman Philosophy. (3 Units)

A critical study of the foundations of Western civilization as found in ancient Greek and Roman thought.
Offered Fall

PHI 302. Medieval Philosophies: Jewish, Christian and Muslim. (3 Units)

Offered Spring even

PHI 303. Modern Philosophy: Descartes To Kant. (3 Units)

Western thought as manifest through the evolution of the philosophical systems of Rationalism, Empiricism and Critical Philosophy.
Offered Spring

PHI 304. 19th Century Philosophy: Hegel To Nietzsche. (3 Units)

A study of nineteenth century European philosophy focusing on thinkers such as Hegel, Kierkegaard, Marx and Nietzsche.
Offered Fall

PHI 305. Contemporary Philosophy. (3 Units)

Study of contemporary American and European philosophical concepts, movements, or key figures. Specific topic indicated in class schedule. Repeatable for credit.
Offered Spring odd

PHI 308. Existentialism. (3 Units)

Prerequisites: PHI 101 or PHI 102 is recommended. Examines key existential philosophers, such as Kierkegaard, Nietzsche, Heidegger, Marcel, Sartre, de Beauvoir, and Camus. Also explored are existentialist themes in the history of philosophy, literature, poetry, and film such as Dostoyevsky, Rilke, Bergman, Kurosawa, and Woody Allen.
Offered Fall odd

PHI 316. Ethical Theories. (3 Units)

A critical inquiry into the groundwork of ethics by exploring such basic questions in ethics as the nature of good, the criteria for right action, the language of moral discourse, ontology and morality, and religion and ethics.
Offered Fall

PHI 321. The Nature of Beauty: Aesthetics. (3 Units)

A critical examination of our beliefs about the nature of beauty in the context of art, music, literature and film. Topics include artistic creativity, aesthetic experience, criticism and evaluation. Specific topic indicated in class schedule. Repeatable course.
Offered Spring even

PHI 331. Social & Political Philosophy. (3 Units)

Prerequisite: PHI 300 is highly recommended. Historical and contemporary theories on the scope and legitimacy of political authority: discussion of various contract theories of the state and of the relationships between rights of individuals and rights of states. Repeatable course.
Offered Fall odd

PHI 340. Environmental Ethics. (3 Units)

Inquiry into philosophical theories and methods that assess how humanity should relate to Earth, how we view ourselves ecologically, whether consumption practices are logical and moral. Topics include deep ecology, Eco-feminism, anthropocentric v. non-anthropocentric Ethics, animal rights and sustainability.
Offered Spring

PHI 350. Theories of Cognition. (3 Units)

Prerequisite: PHI 120 or equivalent. PHI 300 is highly recommended. This course will approach the question of mind from disciplines in humanities, sciences, and social sciences. Several standpoints such as: classical philosophy, cognitive science, neurology, computer science and artificial intelligence, cognitive ethology, and evolutionary linguistics will be discussed.
Offered Infrequent

PHI 351. Death and Dying. (3 Units)

Introduction to psychological, medical, cultural, and ethical aspects of death and dying. A cross-cultural approach to perceptions of death and dying, how and why they have changed over time, how various authors, poets, and artists represent death and dying.
Offered Fall, Spring

PHI 352. Myth as Reality. (3 Units)

Explores the nature of myth, its relationship to ritual, dream, and folktale, and its manifestations in literature and the individual. Although the course will have a primary literary focus, it will draw on the disciplines of philosophy, religious studies, anthropology, and psychology.
Offered Fall, Spring

PHI 353. Age of Revolt. (3 Units)

Investigation of the spirit of revolt in the historical period of the Spanish Conquest; the American, French, Haitian, Russian and Algerian revolutions; Black Power and Zapatista: through history, philosophy and the arts.

Offered Fall, Spring

PHI 365. Mind, World and Language. (3 Units)

A critical examination of the relation between knowledge and reality, with a particular interest in the role of language. Readings include a variety of historical and contemporary perspectives, such as analytic philosophy, pragmatism, and phenomenology.

Offered Spring even

PHI 370. Philos of Africa & Diaspora. (3 Units)

Prerequisite: PHI 300 is highly recommended. A critical study of African and afrocentric philosophies, including Bantu, Akan, and Yoruba traditions. African American philosophers such as Alain Locke and other third world African peoples are also covered in depth. Topics include personhood, time, causality, value theory, black aesthetics, and black feminist epistemologies.

Offered Spring

PHI 371. African World Religions. (3 Units)

Prerequisite: PHI 300 is recommended A critical study of traditional religious experience and expression among peoples of the African continent including the Akan, Yoruba and Ibo as well as manifestations of Christianity and Islam as expressed both in Africa and in the Americas .

Offered Fall

PHI 378. Philosophy of Religion. (3 Units)

Prerequisite: PHI 300. A critical, comprehensive study of the nature and value of religion. Includes such issues as the relationship between Religion, Philosophy, Theology, and Science; the existence of a deity, revelation(s), faith, the problem of evil, scriptural myths, and religious experience and language.

Offered Spring

PHI 379. Contemporary Moral Issues. (3 Units)

Prerequisite: PHI 300 is highly recommended. Philosophical inquiry into basic moral problems relevant today such as morality versus non-morality, human responsibility, individual versus societal values, morality versus legality, ethnic identity versus social conformity, abortion versus right to life, and the euthanasia decision. Repeatable for Credit.

Offered Fall

PHI 383. Comparative Religions. (3 Units)

Prerequisite: PHI 300 is highly recommended. A study of the relationship of the various religious perspectives of the world, their rituals, their influence on society and their philosophical implications.

Offered Fall

PHI 384. Philosophies of India, China and Japan. (3 Units)

The evolution and meaning of various non- Western traditions will be discussed. Selected topics will include Hinduism, Buddhism, Zen Buddhism, Shintoism, Confucianism. Emphasis on significance in India, China and Japan . Repeatable course.

Offered Spring

PHI 386. Analytical Methods of Biblical Study. (3 Units)

Prerequisite: PHI 300 is highly recommended. The Bible in light of modern scholarship; principles and methods of its interpretation. Emphasis is given to the Pentateuch, the Gospels, and other key portions for their philosophical and theological views.

Offered Fall odd

PHI 480. Religion and Violence. (3 Units)

Prerequisite: PHI 383 is recommended. A critical examination of fundamentalist movements in various religious traditions. Explores the intrinsic relationship among four key variables: religion, secularization, fundamentalism, and the consequences of religious fundamentalization. Finally, we will ask whether fundamentalist principles legitimate new forms of religious violence.

Offered Fall odd

PHI 490. Seminar. (3 Units)

Prerequisite: PHI 300. A critical analysis and interpretation of a major philosophical or religious system or issue in respect to its presuppositions, task, method, problems and solutions. Repeatable course. Course is writing intensive. Three hours of seminar per week.

Offered Spring

PHI 494. Independent Study. (1-3 Units)

Prerequisite: PHI 300 is highly recommended. Study of a particular philosophical or religious problem, individually or as a team or group, under the direction of a faculty member. Only three units may be used for Philosophy major and minor requirements.

Offered Fall, Spring

PHI 495. Special Topics:. (3 Units)

Prerequisite: PHI 300 is highly recommended. An intensive study of a concept, movement or individual in Philosophy. Intended for students with senior standing and having fulfilled major requirements. Specific topic listed in class schedule. Repeatable course. Three hours of seminar per week.

Offered Infrequent

PHI 580. Religion and Violence. (3 Units)

Prerequisite: PHI 383 is recommended. A critical examination of fundamentalist movements in various religious traditions. Explores the intrinsic relationship among four key variables: religion, secularization, fundamentalism, and the consequences of religious fundamentalization. Finally, we will ask whether fundamentalist principles legitimate new forms of religious violence.

Offered Fall odd

PHI 595. Special Topics:. (3 Units)

Prerequisite: PHI 300 is highly recommended. An intensive study of a concept, movement or individual in Philosophy. Intended for students with senior or graduate standing. Specific topic listed in class schedule. Repeatable course. Three hours of seminar per week.

Offered Infrequent

Philosophy, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (45 units)

The following core courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|--|---|-----------|
| Core Courses | | |
| PHI 120 | Critical Reasoning | 3 |
| PHI 300 | Proseminar | 3 |
| PHI 301 | Ancient Greek and Roman Philosophy | 3 |
| PHI 302 | Medieval Philosophies: Jewish, Christian and Muslim | 3 |
| or PHI 305 | Contemporary Philosophy | |
| PHI 303 | Modern Philosophy: Descartes To Kant | 3 |
| PHI 304 | 19th Century Philosophy: Hegel To Nietzsche | 3 |
| PHI 316 | Ethical Theories | 3 |
| PHI 490 | Seminar | 3 |
| Select two of the following lower division courses in the area of Philosophy or Religious Thought: | | 6 |
| PHI 101 | Moral Problems | |
| PHI 102 | Humanity, Nature & God | |
| PHI 201 | The Good Life | |
| PHI 202 | The Devil You Don't Know | |
| Options | | |
| Select five courses in one of the following Options: | | 15 |
| Philosophy Option: | | |
| PHI 308 | Existentialism | |
| PHI 321 | The Nature of Beauty: Aesthetics | |
| PHI 331 | Social & Political Philosophy | |
| PHI 340 | Environmental Ethics | |
| PHI 365 | Mind, World and Language | |
| PHI 379 | Contemporary Moral Issues | |
| Religious Thought Option: | | |
| PHI 308 | Existentialism | |
| PHI 371 | African World Religions | |
| PHI 378 | Philosophy of Religion | |
| PHI 379 | Contemporary Moral Issues | |
| PHI 383 | Comparative Religions | |
| PHI 384 | Philosophies of India, China and Japan | |
| PHI 386 | Analytical Methods of Biblical Study | |
| PHI 480 | Religion and Violence | |
| Total Hours | | 45 |

Program Learning Outcomes

1. Demonstrate knowledge of the views of some historically important philosophers (e.g., Plato, Aristotle, Kant, Nietzsche).

2. Demonstrate knowledge of the main concepts and theories of ethics (e.g., egoism, altruism, rights, duties, utilitarianism, Kantianism, virtue ethics) through the application of these concepts and theories to case studies and contemporary moral issues.

3. Identify and reflect on values and intellectual and intuitive responses to ethical issues through analysis of case studies in such areas as justice, abortion, and the impact of humans on the environment.

4. Articulate an understanding of connections between reason and feeling and between cultural and intellectual traditions.

5. Express conclusions with awareness of the degree to which these conclusions are supported by evidence.

6. Demonstrate imaginative, creative, and reflective abilities by articulating philosophical insights.

7. Present effectively in writing an extended argument on a topic of ethical importance.

8. Articulate counter-arguments to one's own position.

9. Ask questions to clarify problems further.

10. Demonstrate openness and intellectual humility by approaching situations involving a conflict of views in a spirit of inquiry.

11. Demonstrate increasing awareness of the complexity of issues and of the necessity of examining issues from many different perspectives.

Philosophy: Philosophy Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| PHI 101 or PHI 102 | Moral Problems or Humanity, Nature & God | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PHI 201 or PHI 202 | The Good Life or The Devil You Don't Know | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |

Third Year

| Fall | | |
|--|---|-----------|
| PHI 300 | Proseminar | 3 |
| PHI 301 | Ancient Greek and Roman Philosophy | 3 |
| PHI 316 | Ethical Theories | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |

Spring

| | | |
|--|---|-----------|
| PHI 302 or PHI 305 | Medieval Philosophies: Jewish, Christian and Muslim or Contemporary Philosophy | 3 |
| PHI 303 | Modern Philosophy: Descartes To Kant | 3 |
| Philosophy Option Course | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Fourth Year

| Fall | | |
|---|---|-----------|
| PHI 304 | 19th Century Philosophy: Hegel To Nietzsche | 3 |
| Philosophy Option | | 3 |
| Philosophy Option | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |

Spring

| | | |
|----------------------------|---------|------------|
| PHI 490 | Seminar | 3 |
| Philosophy Option Course | | 3 |
| Philosophy Option Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)**First Year**

| Fall | | | Hours |
|--|---|-----------|--------------|
| PHI 300 | Proseminar | 3 | |
| PHI 301 | Ancient Greek and Roman Philosophy | 3 | |
| PHI 316 | Ethical Theories | 3 | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 | |
| Hours | | 15 | |

Spring

| | | | |
|---|---|-----------|--|
| PHI 302 or PHI 305 | Medieval Philosophies: Jewish, Christian and Muslim or Contemporary Philosophy | 3 | |
| PHI 303 | Modern Philosophy: Descartes To Kant | 3 | |
| Philosophy Option | | 3 | |
| GE Area C3 Integrative Studies in the Humanities | | 3 | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 | |
| Hours | | 15 | |

Second Year

| Fall | | | Hours |
|----------------------------|---|-----------|--------------|
| PHI 304 | 19th Century Philosophy: Hegel To Nietzsche | 3 | |
| Philosophy Option Course | | 3 | |
| Philosophy Option Course | | 3 | |
| Elective to meet 120 units | | 3 | |
| Elective to meet 120 units | | 3 | |
| Hours | | 15 | |

Spring

| | | | |
|--------------------------|---------|---|--|
| PHI 490 | Seminar | 3 | |
| Philosophy Option Course | | 3 | |
| Philosophy Option Course | | 3 | |

| | | |
|----------------------------|--|-----------|
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Philosophy: Religious Thought Option Roadmaps**4- Year Roadmap**

| Course | Title | Hours |
|--|---|--------------|
| First Year | | |
| Fall | | |
| PHI 101 or PHI 102 | Moral Problems or Humanity, Nature & God | 3 |
| GE Area A2 Written Communication | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |

Spring

| | | |
|--|--------------------------|-----------|
| PHI 120 | Critical Reasoning | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Second Year

| Fall | | |
|-------------------------------|--|-----------|
| PHI 201 or PHI 202 | The Good Life or The Devil You Don't Know | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Spring

| | | |
|--|--|-----------|
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |

Third Year

| Fall | | |
|--|---|-----------|
| PHI 300 | Proseminar | 3 |
| PHI 301 | Ancient Greek and Roman Philosophy | 3 |
| PHI 316 | Ethical Theories | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |

Spring

| | | |
|--|---|-----------|
| PHI 302 or PHI 305 | Medieval Philosophies: Jewish, Christian and Muslim or Contemporary Philosophy | 3 |
| PHI 303 | Modern Philosophy: Descartes To Kant | 3 |
| Religious Thought Option Course | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Fourth Year

| Fall | | |
|---|---|------------|
| PHI 304 | 19th Century Philosophy: Hegel To Nietzsche | 3 |
| Religious Thought Option | | 3 |
| Religious Thought Option | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| PHI 490 | Seminar | 3 |
| Religious Thought Option Course | | 3 |
| Religious Thought Option Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours | |
|---|---|---|---|
| First Year | | | |
| Fall | | | |
| PHI 300 | Proseminar | 3 | |
| PHI 301 | Ancient Greek and Roman Philosophy | 3 | |
| PHI 316 | Ethical Theories | 3 | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 | |
| ENG 350 | | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 | |
| Spring | | | |
| PHI 302 or PHI 305 | Medieval Philosophies: Jewish, Christian and Muslim or Contemporary Philosophy | 3 | |
| PHI 303 | Modern Philosophy: Descartes To Kant | 3 | |
| Religious Thought Option | | 3 | |
| GE Area C3 Integrative Studies in the Humanities | | 3 | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 | |
| Hours | | 15 | |
| Second Year | | | |
| Fall | | | |
| PHI 304 | 19th Century Philosophy: Hegel To Nietzsche | 3 | |
| Religious Thought Option Course | | 3 | |
| Religious Thought Option Course | | 3 | |
| Elective to meet 120 units | | 3 | |
| Elective to meet 120 units | | 3 | |
| Hours | | 15 | |
| Spring | | | |
| PHI 490 | Seminar | 3 | |
| Religious Thought Option Course | | 3 | |
| Religious Thought Option Course | | 3 | |
| Elective to meet 120 units | | 3 | |
| Elective to meet 120 units | | 3 | |
| Hours | | 15 | |
| Total Hours | | 60 | |

Philosophy, Minor**Requirements**

| Code | Title | Hours |
|---|------------|-----------|
| PHI 300 | Proseminar | 3 |
| Select four additional upper division courses with faculty advisement | | 12 |
| Total Hours | | 15 |

Religious Studies, Minor**Requirements**

| Code | Title | Hours |
|--------------------------------|---|-----------|
| Required Courses | | |
| Select three of the following: | | 9 |
| ANT 315 | Magic & Religion | |
| PHI 378 | Philosophy of Religion | |
| PHI 383 | Comparative Religions | |
| PHI 386 | Analytical Methods of Biblical Study | |
| Electives | | |
| Select two of the following: | | 6 |
| ANT 341 | Folklore | |
| PHI 302 | Medieval Philosophies: Jewish, Christian and Muslim | |
| PHI 371 | African World Religions | |
| PHI 384 | Philosophies of India, China and Japan | |
| Total Hours | | 15 |

Physics

College of Natural and Behavioral Sciences
Department of Physics

Program Description

Physics is the study of the natural world at its foundation. As such it is the basis of other disciplines such as biology, medicine, chemistry, computer science, geology, astronomy, and engineering. Physicists study the world from the smallest particles of matter (quarks and leptons), nuclei, atoms, and molecules; through forces and motions which determine the properties of solids, liquids, gases, and plasmas; to descriptions of the behavior of matter on all scales up to stars, galaxies, and even the origin and fate of the universe. Other researchers explore how physics itself can be learned. Physics is also

For the traditional physics baccalaureate degree, the department offers a General Physics Option, which provides access to advanced theoretical and technical careers. In addition, students may gain experience by participating in research projects (e.g. neutrino experiments, nuclear physics experiments, Physics Education Research, Nuclear Counter-Terrorism and Homeland Security, and Biophysics).

Since many physics majors find their niche in teaching, the department offers a Physical Science Option tailored to meet education standards and satisfy waiver requirements for a single subject teaching credential. The Physics faculty are committed to teaching excellence, and to teacher education in the sciences. The department provides essential laboratory hands-on experience in understanding and demonstrating science.

For students intending to pursue graduate work or employment in Electrical Engineering, the department offers an Electrical Engineering option, intended to facilitate a seamless transition after graduation. A new agreement with the CSU Long Beach's College of Electrical Engineering, through the use of the concurrent enrollment program, allows students to gain the specific skill to open their opportunities for careers in fields associated with Electrical Engineering as well as foundations to allow them to apply to Electrical Engineering graduate

programs. This partnership requires students to take 5 upper-division EE courses with the CSULB EE department starting their junior year.

The Physics Minor has flexible upper division requirements to encourage students majoring in other fields to broaden their expertise to fit a niche in contemporary technology or research. Students are invited to meet with a physics advisor to map areas of interest and expertise. The most successful physics minors distinguish themselves as mathematics majors in applied math, computer science majors in computer hardware, chemistry students in physical chemistry, music majors in electronics and instrumentation, and clinical science majors with elements of nuclear physics (modern physics).

The Physics Department offers a Master's of Science in Systems Engineering (MSSE), the first degree-granting program on the CSUDH campus. This program is designed for professionals who are interested in gaining deeper knowledge and/or training in Systems Engineering. The MSSE program at CSUDH provides students with the latest, cutting-edge skills and design methods for the realization and management of the complex, interdependent systems required to develop and maintain today's products and systems in rapidly changing environments. The curriculum balances theory with practical projects and case studies, enabling students to understand and implement applicable models to enhance and complement systems engineering activities throughout a project's life cycle.

Features

The CSUDH Physics department is the most diverse physics department in the country in terms of its faculty. We pride ourselves on our ability to utilize our diverse backgrounds and lived experiences to connect with all students in our courses and within our campus as a whole. Our full-time faculty's research represents a broad range of specialties and we welcome all physics and STEM students to join our research groups to advance the work we do locally as well as nationally. Our department is dedicated to creating a welcoming and supportive environment for all students who decide to join our major or take our courses in the pursuit of their academic goals. We are particularly in tune with the experiences of 1st generation college students, variety of socioeconomic status, educational and mathematical preparation levels, and what is often described as non-traditional students, students who come to college later in life, work full-time or have other home obligations like caretaking of family members. Our non-tenure-track faculty are highly valued and supported in the physics department. In addition to their teaching contributions, they often share their expertise and knowledge through workshops and professional development sessions in other areas of research as well as through their industry professional careers.

Another attractive feature of the department is its small class size, allowing students to interact frequently and effectively with instructors within and outside of class. It also permits instructors to easily identify students in need of additional assistance and to supply such assistance. Many of our majors work part-time in local high-tech organizations. Upper-division courses are often offered in the late afternoon or evening to make courses more accessible for these students.

Progress in this science often depends on our innovation in designing advanced experimentation to observe natural phenomena (when driven to its limits), or in computational or mathematical modeling to match a complex phenomenological response. Since new discoveries and techniques are instantly shared with the global community, the department is committed to introducing students to computer analysis

techniques and internet web literacy. Excellent computer facilities are available on campus.

We support the development of a physics identity and a physics community by encouraging our students to join and participate in our physics club, a campus-recognized student organization. Though our physics club is student-run, the department supports professional development, peer-mentoring, and social activities through the guidance of a faculty advisor.

Academic Advising

All prospective students should meet with a Physics department faculty member to learn more about the physics major and minor and to receive assistance in planning a schedule of courses. All physics majors must review their course list with a physics advisor prior to registration each semester.

Preparation

Prior to beginning, a program in physics students are required to complete two years of high school algebra, one year of trigonometry, and one year of geometry. Two years of laboratory science and four years of college preparatory English are required. Prior courses in computer programming and calculus are recommended.

Students transferring from an articulating community college should have completed three semesters of calculus (through differential and integral calculus of several variables), two semesters of calculus-based physics, and one semester of general chemistry. If those students have not had an introduction to modern physics and/or mathematical physics, they must take PHY 134: General Physics III and PHY 306 Math Methods In Physics as soon as possible upon arrival at CSUDH. Transfer students are responsible for checking in advance that their general electives will meet transfer requirements. A transfer student who has effectively completed their calculus and calculus-based introductory physics sequence is given credit for the lower division courses and should be able to complete our physics upper-division requirements in two years.

Scholarships for Full-time Physics Majors

Contact the Physics Department Office, NSM B-202, for information on available scholarships that the department offers each year.

Graduation with Honors

An undergraduate student may be a candidate for graduation with Honors in the Physics major provided he or she has fulfilled the following:

1. Has filed an approved graduation check for a B.S. in Physics during the current academic year with the General Physics, Physical Science, or Electrical Engineering option;
2. Has attained an overall CSUDH GPA of 3.35 and a GPA in the Physics major of 3.25;
3. Has or will have taken upon graduation the last 12 semester units of upper-division requirements and the last 20 units overall in residence at CSUDH. Transfer units may be included if they help the student satisfy the GPA requirements.

Departmental-Professional Organizations, and Co-curricular Activities

The CSUDH Physics Club, Society of Physics Students, and Sigma Pi Sigma (National Physics Honor Society) cooperate in offering lectures,

social programs and field trips to promote student participation in and enjoyment of the sciences. These activities are enriching and greatly enhance our students' growth within our community of scholars. In addition, faculty are often willing to sponsor inexpensive student memberships in national physics organizations that publish ongoing research in various areas of physics and engineering. The department sponsors a colloquium series with talks a few times each semester on various topics in physics and engineering.

Career Possibilities

Graduates find technical positions in industry, government, or teaching; or pursue advanced degrees for research, design, or analysis in physics, engineering or related fields. The campus is surrounded by electronics, aerospace, and semiconductor companies, among others, who hire physicists to work in applications of optics, electrical engineering, biophysics, computer science, geophysics, aerospace, and astronomy.

Undergraduate Programs

Bachelor

- Physics, Bachelor of Science (p. 756)

Minor

- Physics, Minor (p. 760)

Faculty

John W. Price, Department Chair
 Antonia Boadi, Horace Crogman, James (Jim) Hill, Ximena Cid, Miguel Rodriguez

Full-Time Staff

To Dang, Technician
 Angela Johnson, Administrative Support Coordinator

Emeritus Faculty Courses

Michael Durand, Kenneth Ganezer, H. Keith Lee, Samuel L. Wiley

Courses

PHY 100. Patterns In Nature. (3 Units)

Unifying principles of elastic, sound, light and matter waves. Models of nature. Successes and failures of wave and particle models and their synthesis. Designed for non-science students. Partially meets the lower division General Education requirement in Natural Sciences.

Offered Fall, Spring

PHY 110. Computer Methods in Applied Physics. (3 Units)

Prerequisite: MAT 151 or MAT 153. Introduction to programming with physics applications. Students will gain insight into physical phenomena. They will learn to relate theory to experiment through the use of interactive physics simulations.

Offered All terms, Spring

PHY 120. Elements Of Physics I. (4 Units)

Prerequisite: High school or college algebra. Motion, energy, waves and heat treated from a non-calculus point of view. Three hours of lecture and three hours of laboratory per week.

Offered Fall, Spring, Summer

PHY 122. Elements Of Physics II. (4 Units)

Prerequisite: PHY 120. Electricity, magnetism and light. Nuclear radiation. Quantum phenomena. Atomic structure. Three hours of lecture and three hours of laboratory per week.

Offered Fall, Spring

PHY 130. General Physics I. (5 Units)

Prerequisite: MAT 191 or concurrent enrollment. Kinematics and dynamics of particles, rigid bodies and fluids. Kinetic theory, temperature and thermodynamics. Calculus-based course. Four hours of lecture and three hours of laboratory per week.

Offered Fall, Spring

PHY 132. General Physics II. (5 Units)

Prerequisites: MAT 193 or concurrent enrollment, and PHY 130. Waves, light, electricity and magnetism. Four hours of lecture and three hours of laboratory per week.

Offered Fall, Spring

PHY 134. General Physics III. (4 Units)

Prerequisite: PHY 132 or consent of instructor. Twentieth century physics, including concepts of relativity and quantum theory and particle classification. Applications to radiation, atoms, elementary particles and nuclei. Three hours of lecture and three hours of laboratory per week.

Offered Fall, Spring

PHY 195. Selected Topics in Physics. (1-4 Units)

Prerequisites: Consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course.

Offered As needed

PHY 201. Experimental Methods. (3 Units)

Fabrication techniques applicable in the laboratory per week. Properties of materials. Three hours of laboratory per week.

Offered Infrequent

PHY 207. Physics W/Clin Sci App. (4 Units)

Prerequisites: High school algebra, CHE 110 and CHE 112. Electricity, magnetism and electromagnetic waves. Light, including the photon model. Laboratory emphasis on solid state devices and electronic instrumentation. Designed for students in the Clinical Sciences. Three hours of lecture and three hours of laboratory per week.

Offered Infrequent

PHY 210. Physical Science for Teachers. (4 Units)

Prerequisite: Admission to the Liberal Studies major. Designed specifically for future elementary and middle school teachers. Emphasis on the fundamental concepts of physical science and their applications. Laboratory experiments use mostly low cost everyday objects. Topics include mechanics, fluids, heat, waves, electromagnetism, light, atoms, periodic table and chemical bonding. Three hours of lecture and three hours of laboratory per week.

Offered Fall, Spring, Summer

PHY 295. Selected Topics in Physics. (3 Units)

Prerequisites: Consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course.

Offered As needed

PHY 302. Wrkshp Phys Sci Fr Teachr. (3 Units)

Lecture-demonstration-laboratory covering fundamental concepts in physical science, designed especially for in-service teachers (K-12). Class emphasizes on hands-on activities using everyday objects. Two hours of lecture and three hours of laboratory per week. Not for physics majors or minors. CR/NC grading.

Offered Infrequent

PHY 306. Math Methods In Physics. (3 Units)

Prerequisite: MAT 211. Application of the following techniques to physics: vectors, Gauss' and Stokes' theorems, series solutions of differential equations, Sturm - Liouville theory, and Fourier Series. Offered Fall, Spring

PHY 310. Theoretical Mechanics I. (3 Units)

Prerequisites: PHY 130, PHY 306 and MAT 211. Newtonian dynamics of one and two particles. Introduction to Lagrange's equations. Includes computer simulations. Offered Fall

PHY 320. Physical Optics. (3 Units)

Prerequisite: PHY 132 or consent of instructor. Scalar wave equations, interference and diffraction, spacial filtering, coherence and holography. Offered Spring

PHY 331. Audio Electronics. (3 Units)

Prerequisite: PHY 100 or consent of instructor. Selection and utilization of electronic components and instrumentation. Solid state circuit design and construction. Fundamental electronics through linear amplifiers, power supplies, filters and feedback. A project is required. Designed for students interested in audio techniques. Two hours of lecture and three hours of laboratory per week. Offered Infrequent

PHY 333. Analog Electronics. (3 Units)

Prerequisite: PHY 122 or PHY 132 or consent of instructor. Selection and utilization of electronic components and instrumentation. Solid state circuit design and construction. Amplifiers, feedback techniques, operational amplifiers, SCRs, FETs, etc. A project is required. Two hours of lecture and three hours of laboratory per week. Offered Fall, Spring

PHY 335. Digital Electronics. (3 Units)

Prerequisites: PHY 122 or PHY 132 or consent of instructor is required, PHY 333 is recommended. Design and use of systems employing digital integrated circuits. Gates, Boolean algebra, combinatorial and sequential design. Multiplexers, flip-flops, shift registers, ALUs and memories. Two hours of lecture and three hours of laboratory per week. Offered Spring

PHY 337. Microprocessors. (3 Units)

Prerequisite: PHY 335 or consent of instructor. Architecture, programming and interfacing of microcomputers. Input/output, instruction sets, subroutines, interrupts, serial communications and process control. Two hours of lecture and three hours of laboratory per week. Offered Infrequent

PHY 339. Instrumentation. (3 Units)

Prerequisite: PHY 333. Measurement techniques, transducers, noise reduction, signal processing in the analog and digital domains. Computer controlled instrumentation and data acquisition. Bus configurations and interfacing. Two hours of lecture and three hours of laboratory per week. Offered Infrequent

PHY 341. Advanced Laboratory. (2 Units)

Prerequisites: PHY 132 (or 122) and 333. Advanced experimental work, including data acquisition and error analysis techniques. Experiments are taken from several of the major areas of physics, such as optics and spectroscopy, solid state, acoustics, nuclear physics and electronics. Course may be repeated for credit with instructor's approval. One hour of lecture and one three hours laboratory period per week. Offered Spring

PHY 346. Thermal Physics. (3 Units)

Prerequisites: PHY 130 and MAT 211. Laws of thermodynamics. Equations of state, entropy, free energies, kinetic theory and concepts of statistical physics. Offered Spring

PHY 350. Electromagnetic Theory I. (3 Units)

Prerequisites: PHY 132, PHY 306 and MAT 211 are required; MAT 213 is recommended. Electro- and magnetostatics. Electromagnetic properties of matter, Faraday's law of induction, direct and alternating currents. Includes computer simulations. Offered Fall

PHY 352. Electromagnetic Theory II. (3 Units)

Prerequisite: PHY 350. Derivation and applications of Maxwell's equations in vacuum and material media. Electromagnetic radiation. Includes computer simulations. Offered Spring

PHY 356. Astrophysics. (3 Units)

Prerequisites: PHY 132 and PHY 134. Quantitative study of stellar astronomy with emphasis on stellar evolution and cosmology. Includes computer simulations. Offered Spring even

PHY 380. Non-Linear Phenomena. (3 Units)

Prerequisites: MAT 311 or PHY 306; PHY 310 recommended. Linear systems, iterated maps, differential flows, conservative systems, routes to chaos, strange attractors, fractals, coherent structures, and pattern formation. Visits to computer lab will be included. Offered Spring

PHY 395. Selected Topics in Physics. (1-4 Units)

Prerequisites: Consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course. Offered As needed

PHY 460. Quantum Mechanics I. (3 Units)

Prerequisites: PHY 134, PHY 306 and MAT 211. Quantum phenomena; postulates and interpretation; Schroedinger's equation in one, two and three dimensions. Applications to atoms and barrier penetration. Offered Fall

PHY 462. Quantum Mechanics II. (3 Units)

Prerequisite: PHY 460. Spin, identical particles. Applications of quantum mechanics to problems of current interest in physics, such as solid state, nuclear, astrophysics and particle physics. Offered Spring odd

PHY 494. Independent Study. (3 Units)

Prerequisites: Upper division standing and completion of an independent study contract are required. A reading program on a specialized topic in Physics under the supervision of a faculty member. Repeatable course. Offered Fall, Spring

PHY 495. Selected Topics Physics. (3 Units)

Prerequisites: Upper division standing and consent of instructor. The study of an area of Physics that is not normally available in other courses. Repeatable course. Offered As needed

PHY 498. Directed Research. (1-3 Units)

Prerequisites: Upper division standing and consent of instructor. Advanced laboratory work in an area related to physics or instrumentation. The student participates in an independent investigation under faculty supervision. Repeatable course. Three to nine hours of laboratory per week. Offered Fall, Spring

PHY 595. Special Topics in Physics. (1-4 Units)

Prerequisite: Consent of instructor. Advanced course of special interest to graduate students. Topic and content will vary as announced.
Offered As needed

Physics, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (75-80 units)

Students must select one of the options listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree. All courses used to satisfy this major must be passed with a grade of "C" or better.

Each student must select one of the options listed.

Electrical Engineering Option (77 units)

The Electrical Engineering Option provides a broad understanding of physical principles and a solid preparation for advanced study in electrical engineering as well as theoretical and experimental physics including problem-solving. This option should be undertaken by those planning on pursuing continued studies towards an advanced degree in electrical engineering or other fields within engineering, physics, or related fields as well as careers as a technical staff member in a government or industrial lab. By virtue of an agreement with the CSU Fullerton College of Electrical Engineering and Computer Science, this option satisfies all of the course requirements for admission to an MS program in electrical engineering at CSU Fullerton.

| Code | Title | Hours |
|------------------------------------|---------------------|-------|
| Lower Division Requirements | | |
| CHE 110 | General Chemistry I | 5 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| PHY 134 | General Physics III | 4 |

| | | |
|---------|--|---|
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
|---------|--|---|

Upper Division Requirements

Required Courses:

| | | |
|---------|--------------------------|---|
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 320 | Physical Optics | 3 |
| PHY 333 | Analog Electronics | 3 |
| PHY 341 | Advanced Laboratory | 2 |
| PHY 346 | Thermal Physics | 3 |
| PHY 350 | Electromagnetic Theory I | 3 |
| PHY 460 | Quantum Mechanics I | 3 |

Required Electives:

| | | |
|--------|---|---|
| EE 309 | 1 | 3 |
| EE 310 | 1 | 3 |
| EE 323 | 1 | 4 |

| | | |
|---------|---------------------|---|
| PHY 335 | Digital Electronics | 3 |
|---------|---------------------|---|

Select one of the following: 3

| | | |
|---------|-------------------|--|
| PHY 494 | Independent Study | |
| PHY 498 | Directed Research | |
| EE 498 | 1 | |

Total Hours **77**

¹ Taken in the Electrical Engineering department at CSU Fullerton.

Note: This option requires taking 11-13 units of electrical engineering courses at CSU Fullerton during regular or summer sessions through concurrent enrollment while a student at CSUDH. Advising for the Electrical Engineering option will be provided by CSUDH as well as CSU Fullerton.

General Physics Option (78-79 units)

The General Physics Option provides a broad understanding of physical principles and a solid preparation in both theoretical and experimental problem-solving in physics. This option should be chosen by students planning a technical career in industry or government laboratories, or planning to continue study toward an advanced degree in physics, engineering or a related field. PHY 306 Math Methods In Physics should be taken as early as possible in preparation for the upper division courses in Physics.

| Code | Title | Hours |
|------------------------------------|---|-------|
| Lower Division Requirements | | |
| CHE 110 | General Chemistry I | 5 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| PHY 134 | General Physics III | 4 |
| CSC 111 | Introduction to Computers and Basic Programming | 3-4 |
| | or CSC 121 Introduction to Computer Science and Programming I | |

Upper Division Requirements

Required Courses:

| | | |
|---|--------------------------|----|
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 320 | Physical Optics | 3 |
| PHY 333 | Analog Electronics | 3 |
| PHY 341 | Advanced Laboratory | 2 |
| PHY 346 | Thermal Physics | 3 |
| PHY 350 | Electromagnetic Theory I | 3 |
| PHY 460 | Quantum Mechanics I | 3 |
| Electives: | | |
| Select 12 upper division units from Physics | | 12 |
| Select six upper division units from Chemistry, Computer Science, Mathematics, and Physics. | | 6 |

Total Hours **78-79**

Physical Science Option (75-76 units)

The Physical Science Option provides a broad understanding of the physical sciences, in particular, physics, chemistry, geology and mathematics. This option is designed for students interested in teaching physical science in secondary school or pursuing a general science field such as science journalism.

| Code | Title | Hours |
|---|--|--------------|
| Lower Division Requirements | | |
| CHE 110 | General Chemistry I | 5 |
| CHE 112 | General Chemistry II | 5 |
| EAR 100 | Physical Geology | 3 |
| EAR 101 | Physical Geology Laboratory | 1 |
| EAR 200 | Earth History and Evolution | 3 |
| EAR 201 | Earth History Lab | 1 |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| MAT 211 | Calculus III | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| PHY 134 | General Physics III | 4 |
| Select one course from the following: | | 3-4 |
| CSC 101 | Intro.to Computer Education | |
| CSC 111 | Introduction to Computers and Basic Programming | |
| CSC 121 | Introduction to Computer Science and Programming I | |
| Upper Division Requirements | | |
| PHY 320 | Physical Optics | 3 |
| PHY 333 | Analog Electronics | 3 |
| PHY 341 | Advanced Laboratory | 2 |
| PHY 346 | Thermal Physics | 3 |
| Select 14 additional units from CHE, CSC, EAR and/or PHY ¹ | | 14 |
| Total Hours | | 75-76 |

¹ Consult with a physics advisor to choose classes consistent with the requirements for the subject matter preparation program in physical science.

Program Learning Outcomes

- Demonstrate understanding of classical mechanics
- Demonstrate understanding of classical electromagnetism
- Demonstrate understanding of basic quantum mechanics
- Demonstrate understanding of thermal physics
- Demonstrate understanding of classical optics
- Demonstrate understanding of analog electronics
- Demonstrate understanding of modern physics experiments

General Physics Option Roadmaps

4-Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| PHY 130 | General Physics I | 5 |
| MAT 191 | Calculus I | 5 |
| HIS 101 | History Of United States | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| PHY 132 | General Physics II | 5 |
| MAT 193 | Calculus II | 5 |
| CSC 111 or CSC 121 | Introduction to Computers and Basic Programming or Introduction to Computer Science and Programming I | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| PHY 134 | General Physics III | 4 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| PHY 333 | Analog Electronics | 3 |
| MAT 211 | Calculus III | 5 |
| GE Area C1 Arts Courses | | 3 |
| Hours | | 18 |
| Spring | | |
| CHE 110 | General Chemistry I | 5 |
| PHY 320 | Physical Optics | 3 |
| POL 101 | American Institutions | 3 |
| GE Area A1 Oral Communication | | 3 |
| Upper Division PHY Elective | | 3 |
| Hours | | 17 |
| Third Year | | |
| Fall | | |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 346 | Thermal Physics | 3 |
| PHY 460 | Quantum Mechanics I | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 15 |
| Spring | | |
| PHY 341 | Advanced Laboratory | 2 |
| GE Area B2 Life Science | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Upper Division PHY Elective | | 3 |
| Upper Division PHY Elective | | 3 |
| Hours | | 17 |

Fourth Year

| Course | Title | Hours |
|---|--------------------------|------------|
| Fall | | |
| PHY 350 | Electromagnetic Theory I | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GWAR satisfying course | | 3 |
| Upper Division PHY Elective | | 3 |
| Hours | | 18 |
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Additional UD Elective from CHE, CSC, MAT or PHY | | 3 |
| Additional UD Elective from CHE, CSC, MAT or PHY | | 3 |
| Hours | | 15 |
| Total Hours | | 132 |

2-Year Roadmap

| Course | Title | Hours |
|---|--------------------------|--------------|
| First Year | | |
| Fall | | |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 333 | Analog Electronics | 3 |
| GWAR satisfying course | | 3 |
| Additional UD Elective from CHE, CSC, MAT or PHY | | 3 |
| Hours | | 15 |
| Spring | | |
| PHY 341 | Advanced Laboratory | 2 |
| PHY 346 | Thermal Physics | 3 |
| PHY 320 | Physical Optics | 3 |
| Upper Division Physics Elective | | 3 |
| Additional UD Elective from CHE, CSC, MAT or PHY | | 3 |
| Elective to meet 120 units | | 1-3 |
| Hours | | 15-17 |
| Second Year | | |
| Fall | | |
| PHY 350 | Electromagnetic Theory I | 3 |
| PHY 460 | Quantum Mechanics I | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Upper Division Physics Elective | | 3 |
| Upper Division Physics Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Upper Division Physics Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60-62 |

Electrical Engineering Option Roadmaps**4-Year Roadmap**

| Course | Title | Hours |
|--------------------------|-------|-------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |

| | | |
|--|-------------------|---|
| PHY 130 | General Physics I | 5 |
| MAT 191 | Calculus I | 5 |
| GE Area E Lifelong Learning and Self-Development | | 3 |

Hours 16

| Course | Title | Hours |
|---------------------------|--|-----------|
| Spring | | |
| GE Area A2 Composition II | | 3 |
| PHY 132 | General Physics II | 5 |
| MAT 193 | Calculus II | 5 |
| CSC 121 | Introduction to Computer Science and Programming I | 4 |
| Hours | | 17 |

| Course | Title | Hours |
|------------------------------------|---------------------|-----------|
| Second Year | | |
| Fall | | |
| PHY 134 | General Physics III | 4 |
| GE Area B2 Life Science | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| PHY 333 | Analog Electronics | 3 |
| MAT 211 | Calculus III | 5 |
| Hours | | 18 |

| Course | Title | Hours |
|-------------------------------|--------------------------|-----------|
| Spring | | |
| CHE 110 | General Chemistry I | 5 |
| PHY 335 | Digital Electronics | 3 |
| GE Area A1 Oral Communication | | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 17 |

| Course | Title | Hours |
|--------------------------|--------------------------|-----------|
| Third Year | | |
| Fall | | |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 346 | Thermal Physics | 3 |
| PHY 350 | Electromagnetic Theory I | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |

| Course | Title | Hours |
|---|---------------------|-----------|
| Spring | | |
| PHY 341 | Advanced Laboratory | 2 |
| PHY 320 | Physical Optics | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 17 |

| Course | Title | Hours |
|---|---------------------|-----------|
| Fourth Year | | |
| Fall | | |
| PHY 460 | Quantum Mechanics I | 3 |
| EE 309 (required electrical engineering elective) | | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |

| Course | Title | Hours |
|--|-------|------------|
| Spring | | |
| EE 310 (required electrical engineering elective) | | 3 |
| EE 323 (required electrical engineering elective) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Ind. Study / Dir. Research (PHY 494, PHY 498, or EE 498) | | 2 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 14 |
| Total Hours | | 129 |

2- Year Roadmap

| Course | Title | Hours |
|---|--------------------------|--------------|
| First Year | | |
| Fall | | |
| PHY 306 | Math Methods In Physics | 3 |
| PHY 310 | Theoretical Mechanics I | 3 |
| PHY 346 | Thermal Physics | 3 |
| PHY 350 | Electromagnetic Theory I | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| PHY 341 | Advanced Laboratory | 2 |
| PHY 320 | Physical Optics | 3 |
| PHY 333 | Analog Electronics | 3 |
| PHY 335 | Digital Electronics | 3 |
| GWAR satisfying course | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 17 |
| Second Year | | |
| Fall | | |
| PHY 460 | Quantum Mechanics I | 3 |
| EE 309 (required electrical engineering elective) | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| EE 310 (required electrical engineering elective) | | 3 |
| EE 323 (required electrical engineering elective) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Ind. Study / Dir. Research (PHY 494 or PHY 498 or EE 498) | | 1-3 |
| Elective to meet 120 units | | 3 |
| Hours | | 13-15 |
| Total Hours | | 60-62 |

Physical Science Option Roadmaps

4- Year Roadmap

| Course | Title | Hours |
|------------------------------------|-----------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| PHY 130 | General Physics I | 5 |
| MAT 191 | Calculus I | 5 |
| HIS 101 | History Of United States | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| PHY 132 | General Physics II | 5 |
| MAT 193 | Calculus II | 5 |
| POL 101 | American Institutions | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| PHY 134 | General Physics III | 4 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| MAT 211 | Calculus III | 5 |
| EAR 100 | Physical Geology | 3 |
| EAR 101 | Physical Geology Laboratory | 1 |
| Hours | | 16 |

| Course | Title | Hours |
|--|-----------------------------|-----------|
| Spring | | |
| EAR 200 | Earth History and Evolution | 3 |
| EAR 201 | Earth History Lab | 1 |
| GE Area A1 Oral Communication | | 3 |
| CHE 110 | General Chemistry I | 5 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |

| Course | Title | Hours |
|--------------------------|----------------------|-----------|
| Third Year | | |
| Fall | | |
| CHE 112 | General Chemistry II | 5 |
| PHY 333 | Analog Electronics | 3 |
| PHY 346 | Thermal Physics | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area C or D | | 3 |
| Hours | | 17 |

| Course | Title | Hours |
|---|---------------------|-----------|
| Spring | | |
| PHY 320 | Physical Optics | 3 |
| PHY 341 | Advanced Laboratory | 2 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | | 3 |
| GE Area B2 Life Science | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Hours | | 17 |

| Course | Title | Hours |
|---|--|--------------|
| Fourth Year | | |
| Fall | | |
| CSC 101 or CSC 111 or CSC 121 | Intro.to Computer Education or Introduction to Computers and Basic Programming or Introduction to Computer Science and Programming I | 3-4 |
| GE Area C or D | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | | 3 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 18-19 |

| Course | Title | Hours |
|---|-------|----------------|
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | | 3 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | | 3 |
| Hours | | 15 |
| Total Hours | | 130-131 |

2- Year Roadmap (transfer students)

| Course | Title | Hours |
|---|----------------------|--------------|
| First Year | | |
| Fall | | |
| CHE 112 | General Chemistry II | 5 |
| PHY 333 | Analog Electronics | 3 |
| PHY 346 | Thermal Physics | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 14 |
| Spring | | |
| PHY 320 | Physical Optics | 3 |
| PHY 341 | Advanced Laboratory | 2 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2-3 |
| Hours | | 16-17 |

Second Year**Fall**

| | | |
|-------------------------------------|--|-----|
| CSC 101 or CSC 111 or CSC 121 | Intro.to Computer Education or Introduction to Computers and Basic Programming or Introduction to Computer Science and Programming I | 3-4 |
|-------------------------------------|--|-----|

| | |
|---|--------------|
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | 3 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15-16 |

Spring

| | |
|---|--------------|
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | 3 |
| Upper Division Major Elective from CHE, CSC, EAR and/or PHY | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 60-62 |

Physics, Minor

The Physics minor has flexible upper division requirements to encourage students majoring in other fields to broaden their expertise in consultation with a physics advisor in preparation for careers bridging across several fields of study.

The Physics minor has flexible upper division requirements to encourage students majoring in other fields to broaden their expertise in consultation with a physics advisor in preparation for careers bridging across several fields of study.

Requirements

| Code | Title | Hours |
|--|---------------------|-------|
| Lower Division Required Courses | | |
| MAT 191 | Calculus I | 5 |
| MAT 193 | Calculus II | 5 |
| PHY 130 | General Physics I | 5 |
| PHY 132 | General Physics II | 5 |
| PHY 134 | General Physics III | 4 |
| Upper Division Required Electives | | |
| Select three upper division PHY courses with career guidance from advisors in both major and minor | 9 | |
| Total Hours | 33 | |

Political Science

College of Natural and Behavioral Sciences
Department of Political Science

Program Description

The Political Science Program at CSU Dominguez Hills offers excellent opportunities for the study of government and politics.

Over 30 courses cover all the major aspects of the discipline. Students develop an understanding of human behavior as it relates to politics. They learn to discuss and analyze critically current public policy issues facing the United States and the world. They are taught how to critically observe and understand world affairs and comparative politics. They

are trained in appropriate research techniques for the study of political processes.

The General Political Science Concentration is a relatively "open" one, allowing students to choose from a wide range of courses and subjects within a general framework. It is designed for students seeking broad exposure to the diverse subjects of the discipline.

A five-course minor in political science also is available. While the minor most often is used in conjunction with such majors as communications, human services, history, economics, and sociology, it can be paired with almost any major offered at this university.

Features

The political science faculty is an interesting and diverse group of scholars actively involved in their own research projects. Most have traveled extensively in this country and abroad.

Political science internships are available. One opportunity at the state level is the Sacramento Semester Program, which brings students from all 23 California State University campuses to Sacramento for one semester to take advantage of a unique learning experience at the State capital. Another is The Washington Center program in the nation's capital. Through the International Education Center, students can participate in study abroad programs. The Lyman G. Chaffee Endowment includes, in addition to a \$1.5 million Chair of Global and Comparative Politics, includes \$100,000 to fund political science studies abroad. The Department of Political Science is classified as an "Engaged Department" for outstanding work in the community. This classification is granted by the campus office of community engagement (Center for Service Learning, Internships, and Civic Engagement).

The department offers annually the Lori Cardenas Memorial Scholarship and Michael O'Hara Memorial Scholarship to outstanding students majoring in political science, sponsors the active Association of Political Science Students and participates in Model United Nations conferences.

Students who work during the day should know that class scheduling permits the completion of a political science major in the late afternoon and evening hours.

Academic Advisement

Political Science faculty recommend that new and continuing students visit the department for information regarding graduation requirements, transfer of credit, program planning, lifting of academic holds, and graduation approval. Student records and graduation change of major, add/drop, and other forms are kept in the department office.

Students needing assistance for more specialized interests should see specific faculty members for supplementary academic advising. For prelaw preparation contact Salvatore Russo; for internship opportunities, see Salvatore Russo; for American politics see Jay Kaplan, Salvatore Russo or Annie Whetmore, and for international and comparative politics see the chair of the department.

Preparation

High school students are encouraged to take English composition and social science courses, including civics, economics and history. Experience in journalism, debating activities, and student government are helpful. A foreign language is not required for the degree. However,

students who plan further study at the graduate level are encouraged to take a foreign language.

Community college transfer students should contact their counseling office or the CSU Dominguez Hills Political Science office to identify appropriate lower division major/minor preparatory courses. Typically, these would include a basic course in American political institutions, which would fulfill the state code requirements for U.S. Constitution and California state and local government. Transfer students must take POL 300 (Quantitative Methods of Political Analysis) at CSUDH as community colleges do not offer an equivalent course. Other lower-division courses introducing students to the discipline of political science, international relations and comparative politics also are highly recommended.

Students at CSU Dominguez Hills should complete both POL 100 General Education Political Science: World Perspectives and POL 101 American Institutions as a preparation for the major.

Career Planning

Graduates with Political Science majors or minors from CSUDH have pursued a broad variety of careers. These include teaching, law, law enforcement, public administration, business, journalism, and international service. CSUDH graduates, including those with advanced graduate and law degrees, are employed as attorneys, public administrators, business executives, and teachers in schools and universities. Others work as labor union officials and a few have been elected to public office. Graduates from our program are employed both within and outside the United States.

The best undergraduate education for all careers develops critical thinking, communication, and research skills. Course work and extra-curricular activities such as participation in Model United Nations conferences, writing for the campus newspaper and experiential internships will improve these skills. Some professions require graduate or law school training after the Bachelor's degree. Faculty advisers in the department will help you select the courses and an academic programs most appropriate for your career goals. They also will explain interesting extracurricular opportunities supported by the department.

Teaching

An undergraduate degree in Political Science is recommended for entrance to graduate school in Political Science, with the doctorate essential for teaching at the four-year college or university level. Students may prepare for a career in teaching History/Social Science at the secondary level (junior high or high school) by completing an approved "Subject Matter Preparation Program." Completion of such a program is the first step in meeting the state requirements for a teaching credential.

As the program requirements for the "Subject Matter Preparation Program" in Social Science have changed recently, interested students should contact the History Department for current information.

Law

Many Political Science majors intend to practice law as a career.

We advise pre-law students to select the General Political Science Concentration and work closely with a pre-law adviser who will explain law school undergraduate preparation, entrance requirements, school choice, and career possibilities.

Public Administration

A major in Political Science with a public administration or public policy emphasis can prepare students for civil service careers at international, national, and local levels of government. These careers require both specialized skills and a general understanding of political processes. The General Political Science Concentration, internship experience, and possibly graduate training are recommended for those interested in public administration.

Journalism

A Political Science major can prepare students for an attractive career in journalism. The General concentration along with practical experience working on the university newspaper is highly recommended.

Business

Many Political Science graduates have found employment in business. Preparation for this career involves a broad liberal arts background, combined with knowledge of governmental processes and organization, public administration, finance, decision-making, organizational behavior, and the processes by which political decisions are made about economic policy. Political Science majors interested in business should consider selecting a business minor.

Other

Enterprising individuals can use their Political Science degree to pursue a variety of interests in the field of politics. These include international and foreign service as well as political campaign management, speech writing, survey research, policy research, public relations, lobbying, fundraising, and so forth. Opportunities result from the initiative of the individual, proper skill development, and academic advising. All students should regularly discuss their academic and career plans with faculty advisers and fellow students, including members of the Association of Political Science Students. The Association maintains a small library of materials on career and internship opportunities, law and graduate school catalogs, and courses texts.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Political Science provided the student meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Undergraduate Programs

Bachelor

- Political Science, Bachelor of Arts (p. 765)

Minor

- Political Science, Minor (p. 770)

Faculty

Salvatore Russo, Department Chair

Hyo Joon Chang, David Dixon, Christopher Hallenbrook, Yea Ji Kim,

Hamoud Salhi, Annie Whetmore

Department Office: SBS G-322, (310) 243-3435

Emeriti Faculty

Alan Fisher, Linda Groff, Jay Kaplan, Wayne Martin, Richard Palmer

Courses

POL 100. General Education Political Science: World Perspectives. (3 Units)

An introduction to world affairs and the role of the individual in an increasingly complex and interdependent international system. Both the conceptual and practical aspects of problem solving and decision making are examined as they relate to international cooperation and conflict.

Offered Fall, Spring

POL 101. American Institutions. (3 Units)

A study of contemporary political institutions, with emphasis on the philosophy, structure, and behavior of the American political system, including the State of California. Meets State requirement in U.S. Constitution and California State and Local government.

Offered Fall, Spring

POL 300. Research Design in Political Science. (3 Units)

The first course of a two-course sequence - POL 300 and POL 301 - that examines the fundamentals of research design in political science. Satisfies Graduation Writing Assessment Requirement (GWAR). A grade of C or better in this course fulfills the GWAR requirement for all Political Science and Behavioral Science majors and minors.

Offered Fall, Spring

POL 301. Statistical Analysis in Political Science. (3 Units)

Prerequisite: POL 300 is required. Focuses on introducing students to elementary statistical techniques and their applications to problems in Political Science.

Offered Fall, Spring

POL 304. Basic Concepts of Law: Substantive. (3 Units)

An examination of conflict situations which arise in contemporary life and the way in which the law and legal institutions address these conflicts. Statutory law and common law will be studied with an emphasis on case analysis, torts, crimes, property, contracts, and landlord-tenant.

Offered Infrequent

POL 305. Basic Concepts of Law: Procedural. (3 Units)

A basic course in understanding the legal system with a focus on basic procedural law. Emphasis will be placed on civil procedure, evidence, and litigation, probate and corporation, partnership and agency.

Offered Infrequent

POL 310. Current Issues in American Government. (3 Units)

Analysis and critical evaluation of recent major issues, conflicts and problems in American government and institutions. Current issues might include social and health services, energy, environment, multinational corporations, military spending, taxation, political economy, criminal justice, and civil rights.

Offered Fall, Spring

POL 312. State and Local Government: Organization and Problems. (3 Units)

Analysis of functions of state and local government with particular emphasis on California. Examination of state-federal and state-local relations and the policy choices available for solving current problems. The course meets the statutory requirement for state and local government.

Offered Fall, Spring

POL 314. American Political Parties and Elections. (3 Units)

A study of the dynamics of American political behavior, including the legal regulation of parties and of elections. Analysis of voting behavior and public opinion. Study of political party organization, membership, and leadership in the context of the contemporary political scene.

Offered Fall, Spring

POL 315. Congress and the President. (3 Units)

An analysis of development and operation of the elected decision-making structures of the United States government. Particular focus on the interrelationships between the Congress and the President.

Offered Fall, Spring

POL 318. Public Policy Choices: Distribution of Wealth. (3 Units)

A study of wealth and redistribution, including the causes and consequences of inequalities in the United States and other countries. Considers how economic inequality affects citizens' participation in political activities, interest groups, political parties, social movements, and civic associations.

Offered Fall, Spring

POL 319. Horror and Politics. (3 Units)

Prerequisite(s): POL 101 required. Co-requisite(s): POL 315 recommended. In addition to scene of terror, many times horror films deliver political commentary. What do horror films say about the times in which they were created, as well as our own time? This course will explore these issues and more.

Offered Fall

POL 320. Urban Government and Policy Choices. (3 Units)

A survey of the structures of American municipal, county, and special districts within the context of a systematic evaluation of the public policy choices facing these units of government.

Offered Fall, All terms

POL 323. Black Politics. (3 Units)

An analysis of the structure of power within the Black community and political interaction between activists, moderates, and conservatives. Evaluation of styles within the Black sub-political culture and manipulative aspects and tactics; e.g., coalition, confrontation, establishment politics.

Offered Fall

POL 325. Women and Politics in the United States. (3 Units)

Examination of the expansion across time of women's rights in the United States. Considers the limitation of rights, feminist movements/theory, and ongoing problems. Also examines roles of specific women who have lead movements and/or pushed for legal change.

Offered Spring

POL 328. Cultural Pluralism in American Politics. (3 Units)

Discusses the issues of political socialization and cultural differences in the American political arena. Analyzes the political orientations of various ethnic groups in the United States, their cultural and socioeconomic backgrounds, and their levels of political participation and interaction with American political institutions.

Offered Infrequent

POL 331. International Terrorism. (3 Units)

Analysis of the concept of terrorism, root causes and forms. Examination of theories and counter-terrorism strategies at different levels of analysis; individuals, groups, societal, states and transnational. Special emphasis on specific terrorism cases, terrorist organizations and cyber-terrorism in the Digital Age.

Offered Fall

POL 332. International Security. (3 Units)

Analysis of the theory and practice of international conflict, crisis, and war management. Special emphasis on the contemporary concerns of deterrence, limited war, guerrilla warfare, foreign commitments, arms races, and arms control.

Offered Fall, Spring

POL 333. International Relations of East Asia. (3 Units)

Analysis of contemporary international relations of East Asia, including the rise of China, its affects on US-China relations and implications in the region concerning foreign policy issues for countries such as Japan, North and South Korea, Vietnam, Indonesia, and Thailand.

Offered Spring

POL 334. American Foreign Policy. (3 Units)

The formulation and execution of foreign policy in the United States, including an analysis of competing ideological concepts, the role of President and Congress, and the influence of public opinion.

Offered Fall, Spring, All terms

POL 335. Introduction to International Relations. (3 Units)

Introduction to international relations. Students will learn theories, concepts, principles and practices of international politics. Topics include war/peace, international political economy, and international institutions. Global issues such as terrorism, human rights, environment, and global health will also be examined.

Offered Fall, Spring

POL 336. Theories of International Relations. (3 Units)

Analysis of action and interaction of states, decision-making, capability analysis, balance and imbalance, systems analysis, communication, crisis, and game theory.

Offered Fall, Spring

POL 337. European International Relations. (3 Units)

An analysis of European international relations and foreign policies including the impact of Western European economic integration, the foreign policies of the Russian Commonwealth with Eastern and Western Europe, and the changing role of NATO.

Offered Infrequent

POL 339. Model United Nations. (3 Units)

Examination of the role of international organizations and the issues addressed by these international actors while preparing students to participate in intercollegiate Model United Nations simulations. May be repeated for credit to a maximum of 9.0 units.

Offered Infrequent

POL 340. Introduction to Comparative Politics. (3 Units)

Study of domestic politics in different regions of the world by focusing on topics, such as economic development, democratization and regime change, political institutions, income redistribution, and political representation.

Offered Fall, Spring

POL 341. Gov and Politics of East Asia. (3 Units)

China, Japan, and Korea : political behavior, ideas, and institutions of societies of East Asia. Political parties and organizations, role of competing ideologies and systems of behavior, interaction of domestic and foreign policies.

Offered Fall, Spring

POL 342. Government and Politics of the Middle East. (3 Units)

Analysis and explanation of political processes, governments, political issues and foreign relations of the Middle East. Discussion of influence of religion, oil, revolutions and conflicts on Middle East politics.

Offered Fall

POL 343. Political Behavior in Latin America. (3 Units)

Analysis of political and cultural behavior in South America with a focus on Brazil, Argentina, Chile, Peru, Colombia, and Venezuela. Their sociopolitical institutions, elites, and interest groups; and the impact of national and cross-national cultural pluralism upon political life in the region.

Offered Fall, Spring

POL 344. Latin America: The Revolutionary Tradition. (3 Units)

A comparative analysis of the revolutionary process in Mexico, Central America and Cuba, encompassing the dimensions of the socio-political, cultural and economic characteristics. An emphasis on post-revolutionary developmental politics in Mexico, Nicaragua, Cuba, and on the current social unrest in Central America, including an analysis of ideas, institutions, groups and economic conditions.

Offered Fall, Spring

POL 345. Democratization. (3 Units)

Students examine the basic principles, theories, and comparative methods useful for understanding the challenges of democracy and democratization and provides insights into the range of practical policy recommendations which could be adopted to strengthen the process of democratic governance.

Offered Fall, Spring

POL 347. Comparative Political Parties. (3 Units)

For more than a century, democratic politics has been synonymous with party politics. This class provides an understanding of the origins or parties and party systems, the reasons for their successes and failures, and their impact on political outcomes.

Offered Fall, Spring

POL 349. Government and Politics in Sub-Saharan Africa. (3 Units)

A study of the dynamics of government and politics in Africa south of the Sahara Desert with special emphasis on South Africa. Imperialism and colonial administration, nationalism, and decolonization treated as background to the problems of modernization and nation-building in the region.

Offered Fall, Spring

POL 350. History of Political Ideas. (3 Units)

A critical analysis of the major political philosophies and schools of thought from Plato to the sixteenth century. Examination of the political concepts of Plato, Aristotle, St. Augustine, St. Thomas Aquinas, and Machiavelli.

Offered Fall, Spring

POL 351. Modern Political Thought. (3 Units)

A study of principal political philosophers from the seventeenth century to the present. Special emphasis is given to writers such as John Stuart Mill and Karl Marx, whose concepts of political criticism have become predominant in the modern world.

Offered Spring

POL 352. Democratic Theory. (3 Units)

A comprehensive examination of the theory and practice of democracy. Students engage with various theoretical justifications for democracy, analyzing the various understandings of its strengths and weaknesses. Using these theories, students examine the various forms of democracy historically and globally.

Offered Spring

POL 354. American Political Thought. (3 Units)

A critical analysis of the political ideas that have emerged within the United States. Special attention is given to twentieth century political theories that aim to achieve social justice and/or alternative life styles through a restructuring of the economy.
Offered Fall, Spring

POL 355. Politics and Political Theory through Film. (3 Units)

Focuses on political theory and politics as presented through film. Students examine the various ways artists critique existing political and social structures, provide alternative visions, and challenge audiences to rethink their unexamined assumptions regarding human existence.
Offered Fall

POL 356. Political Theory and Science Fiction. (3 Units)

Explores how science fiction has explored perennial questions of political theory. Students engage with the books, films, and TV shows of the genre, and how they challenge existing political structures and develop alternative visions.
Offered Fall

POL 357. Food Politics. (3 Units)

Explores the political, social, and ethical concerns surrounding food and food culture. Topics examined include: the ethics of consumption, food media, cultural appropriation, and race, identity and the representation in the restaurant industry.
Offered Fall

POL 360. American Constitutional Law: Distribution of Power. (3 Units)

An examination of the nature and development of the United States constitutional system. Emphasis on the role of the courts in interpreting the concepts of separation of powers, federalism, the police power, and the commerce clause.
Offered Spring

POL 361. American Constitutional Law: Civil Rights. (3 Units)

A study of fundamental rights as protected by the U.S. Constitution and other legal provisions. The role of the courts in interpreting freedom of expression and conscience, due process, and equal protection of the laws.
Offered Fall

POL 366. Criminal Law and Procedures. (3 Units)

Materials and cases treating Criminal Law and procedures within the context of the American policy. Systematic analysis of the role of the citizen in relationship to operational legal principles and procedures of Criminal Law. An emphasis on contemporary problems and recent court decisions.
Offered Infrequent

POL 370. Public Opinion and Propaganda. (3 Units)

The nature of public opinion and its manipulation by propaganda in modern society. Relations between government and other social institutions and the opinions of groups and individuals; the press, pressure groups.
Offered Spring

POL 371. Conflict, Violence, Nonviolence and Peace. (3 Units)

Examination of relevant theories and instances of aggression, sociopolitical conflict and conflict resolution, various types of political violence (as terrorism, revolution, urban riots) and nonviolence. Course will present an overview of all these topics, or focus on one topic in detail, such as terrorism, revolution, or nonviolence.
Offered Fall, Spring

POL 372. International Institutions. (3 Units)

Prerequisite(s): POL 335 required. An examination of the theories and practices of international institutions. The origins, structures, functions, and effectiveness of international institutions will be discussed. Major issues include war and conflict, global economy, environment, human rights, and global health.
Offered Fall

POL 373. International Political Economy. (3 Units)

An examination of the theoretical approaches to the study of international political economy and contemporary issues in the global economy. Major topics include international trade, international finance, economic development, multinational corporations, and globalization.
Offered Fall, Spring

POL 374. International Human Rights. (3 Units)

Prerequisite(s): POL 335 required. An examination of the historical evolution and practices of human rights in world politics. Emphasis on the dynamic interaction between governments, and international and domestic human rights institutions. The topics include political rights, torture, refugees, racism, environment, and women's rights.
Offered Fall, Spring

POL 375. Technical Policy and the Future. (3 Units)

Various humanistic, ethical, legal, and political-economic policy issues surrounding the use and future development of technology, in such areas as energy, food production, transportation, computers, communications, electronic surveillance, medicine, weaponry, and space. The issue of high technology vs. appropriate technology also global restructuring trends from technological change. Course will focus on one or more such technological topics depending upon the instructor.
Offered Infrequent

POL 380. Mock Trial I. (3 Units)

Students will be taught the basics of how to present a case in a simulated trial environment. Students will create opening and closing statements, and cross-examinations and direct examinations. Students will have the opportunity to participate as witnesses. Upper division status is recommended or consent of instructor is required.
Offered Infrequent

POL 401. Political and Public Sector Leadership. (3 Units)

Prerequisite: 12 units of upper division courses are required. This is an applied techniques, skills-development course. It blends ideas from several different sectors of political theory, public policy, public relations, conflict negotiation, and intercultural communication to teach students skills that are necessary for leadership roles.
Offered Spring

POL 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and department chair. Independent study of a particular problem under the direction of a member of the Political Science Department. Course is not repeatable for credit in the Political Science major or minor.
Offered Fall, Spring

POL 495. Special Topics in Political Science. (1-3 Units)

An intensive study of an issue or a concept in political science that is of special interest to both the faculty member and the students. Repeatable course. Three hours of seminar per week.
Offered Fall, Spring

POL 496. Internships in Political Science. (3 Units)

Practical application of coursework in political science through supervised work and field experience in politics, government administration, public and private paralegal agencies such as offices of lawyers and judges, and community agencies. Repeatable course. Offered Fall, Spring

POL 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course. Offered Infrequent

Political Science, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (45 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|---|-----------|
| Core Requirements | | |
| 1. Research Methods ¹ | | 6 |
| POL 300 | Research Design in Political Science | 3 |
| POL 301 | Statistical Analysis in Political Science | 3 |
| 2. Cornerstone Requirements. Take one course from each area of Political Science as follows: | | 12 |
| a. American Government | | |
| POL 315 | Congress and the President | |
| b. International Relations | | |
| POL 335 | Introduction to International Relations | |
| c. Comparative Politics | | |
| POL 340 | Introduction to Comparative Politics | |
| d. Political Theory | | |
| POL 350 | History of Political Ideas | |
| 3. Depth in Political Science | | 12 |
| Select one course from each group a through d below | | 12 |
| a. American Government, Law and Politics | | |
| Select one course from the following; | | |

| | |
|---------------------------------------|---|
| POL 310 | Current Issues in American Government |
| POL 312 | State and Local Government: Organization and Problems |
| POL 314 | American Political Parties and Elections |
| POL 325 | Women and Politics in the United States |
| POL 360 | American Constitutional Law: Distribution of Power |
| POL 361 | American Constitutional Law: Civil Rights |
| POL 370 | Public Opinion and Propaganda |
| b. International Relations | |
| Select on course from the following: | |
| POL 332 | International Security |
| POL 334 | American Foreign Policy |
| POL 372 | International Institutions |
| POL 373 | International Political Economy |
| c. Comparative Politics | |
| Select one course from the following: | |
| POL 341 | Gov and Politics of East Asia |
| POL 342 | Government and Politics of the Middle East |
| POL 343 | Political Behavior in Latin America |
| POL 344 | Latin America: The Revolutionary Tradition |
| POL 345 | Democratization |
| POL 347 | Comparative Political Parties |
| d. Political Theory: | |
| Select one course from the following: | |
| POL 319 | Horror and Politics |
| POL 351 | Modern Political Thought |
| POL 352 | Democratic Theory |
| POL 354 | American Political Thought |
| POL 355 | Politics and Political Theory through Film |
| POL 356 | Political Theory and Science Fiction |
| POL 357 | Food Politics |

Concentrations

| | |
|--|---|
| American Government, Law and Politics Concentration | 45 |
| A. Common Core | |
| See all "Common Core" requirements above | |
| B. Required Courses | |
| Select three courses from the following (9 units) | |
| POL 310 | Current Issues in American Government |
| POL 312 | State and Local Government: Organization and Problems |
| POL 314 | American Political Parties and Elections |
| POL 325 | Women and Politics in the United States |
| POL 360 | American Constitutional Law: Distribution of Power |
| POL 361 | American Constitutional Law: Civil Rights |
| POL 370 | Public Opinion and Propaganda |
| C. Upper-division Electives (6 units) | |
| Select two additional upper-division political science courses with departmental advisement. Also see "Political Science Electives" below. | |
| International Relations and Comparative Politics Concentration | 45 |
| A. Common Core (30 units) | |
| See all "Common Core" requirements above. | |
| B. Required Courses (12 units) | |

Select four courses from the following IR/CP courses. Courses chosen for Depth in Political Science may not be double-counted for the concentration.²

| | |
|---------|--|
| POL 332 | International Security |
| POL 333 | International Relations of East Asia |
| POL 334 | American Foreign Policy |
| POL 336 | Theories of International Relations |
| POL 337 | European International Relations |
| POL 339 | Model United Nations |
| POL 341 | Gov and Politics of East Asia |
| POL 342 | Government and Politics of the Middle East |
| POL 343 | Political Behavior in Latin America |
| POL 344 | Latin America: The Revolutionary Tradition |
| POL 345 | Democratization |
| POL 347 | Comparative Political Parties |
| POL 372 | International Institutions |
| POL 373 | International Political Economy |
| POL 374 | International Human Rights |

C. Upper Division Electives (3 units)

Select one additional upper-division Political Science course with departmental advisement. Also see "Political Science Electives" below.

Political Theory Concentration 45

A. Common Core (30 units)

See all "Common Core" requirements above.

B. Upper-division Required Courses (9 units)

Select three courses from the following Political Theory courses. Courses chosen for Depth in Political Science may not be double-counted for the concentration.

| | |
|---------|--|
| POL 319 | Horror and Politics |
| POL 351 | Modern Political Thought |
| POL 352 | Democratic Theory |
| POL 354 | American Political Thought |
| POL 355 | Politics and Political Theory through Film |
| POL 356 | Political Theory and Science Fiction |
| POL 357 | Food Politics |

C. Upper-Division Electives (6 units)

Select two additional upper-division political science courses with departmental advisement. Also see "Political Science Electives" below.

General Political Science Concentration 45

A. Common Core (30 units)

See all "Common Core" requirements above.

B. Upper-division Electives (15 units)

Select five additional upper-division political science courses with departmental advisement (15 units). Courses chosen for Depth in Political Science may not be double counted for the concentration. Also see "Political Science Electives" below.

Political Science Electives

Any upper-division Political Science course, including from any concentration above, may count as an elective for degree satisfaction, with the following exceptions.

Other Elective Courses

Availability of "other" elective courses varies. See the schedule of classes and/or consult with the department chair about availability.

| | |
|---------|---|
| POL 304 | Basic Concepts of Law: Substantive |
| POL 305 | Basic Concepts of Law: Procedural |
| POL 318 | Public Policy Choices: Distribution of Wealth |
| POL 320 | Urban Government and Policy Choices |
| POL 323 | Black Politics |
| POL 328 | Cultural Pluralism in American Politics |
| POL 331 | International Terrorism |
| POL 349 | Government and Politics in Sub-Saharan Africa |
| POL 366 | Criminal Law and Procedures |
| POL 371 | Conflict, Violence, Nonviolence and Peace |
| POL 375 | Technical Policy and the Future |
| POL 401 | Political and Public Sector Leadership |
| POL 494 | Independent Study |
| POL 495 | Special Topics in Political Science |
| POL 496 | Internships in Political Science |

- Courses counted towards the Common Core or as upper-division required courses within any concentration may not also be counted as electives for degree satisfaction (no double-counting of any course is allowed).
- Only one POL 494 (independent study) course may be counted as an elective for degree satisfaction.
- POL 495 (variable subject) courses may be counted more than once only if the subject matter of any subsequent course taken is significantly different than the first POL 495 course counted as an elective for degree satisfaction. Consultation with the department chair is advised.
- A maximum of two POL 496 (internship) courses may be counted as electives for degree satisfaction.

¹ POL 300 must be completed by the student within the first two semesters of taking any upper-division course for the major. POL 301 should be completed as soon as possible thereafter, preferably in the semester following successful completion of POL 300. POL 300 and POL 301 may not be taken concurrently. POL 300 is a prerequisite for POL 301.

² POL 33X courses and POL 37X courses in this section are International Relations courses and POL 34X courses are Comparative Politics courses. However, the chosen four courses may come from either area or any combination of the two.

1.

General Political Science Concentration 4- Year Roadmap

| Course | Title | Hours |
|-------------------|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 | Written Communication | 3 |
| GE Area B4 | Quantitative Reasoning | 3 |
| GE Area C1 | Arts Courses | 3 |
| GE Area D1 | Perspectives on Individuals, Groups, and Society | 3 |
| GE Area E | Lifelong Learning and Self-Development | 3 |
| Hours | | 15 |

Spring

| | |
|--|-----------|
| GE Area A1 Oral Communication | 3 |
| GE Area A3 Logic/Critical Thinking | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| GE Area B3 Science Laboratory | 1 |
| GE Area C2 Letters Course | 3 |
| POL 101 American Institutions | 3 |
| Hours | 16 |

Second Year**Fall**

| | |
|--|-----------|
| HIS 101 History Of United States | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | 3 |
| Additional GE in Area C1 or C2 | 3 |
| POL 100 General Education Political Science: World Perspectives (satisfies GE Area D2) | 3 |
| GE Area F Ethnic Studies | 3 |
| Hours | 15 |

Spring

| | |
|---|-----------|
| POL 335 Introduction to International Relations | 3 |
| POL 340 Introduction to Comparative Politics | 3 |
| POL 350 History of Political Ideas | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |

Third Year**Fall**

| | |
|---|-----------|
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| POL 300 Research Design in Political Science (GWAR Satisfying Course) | 3 |
| POL 315 Congress and the President | 3 |
| Major course from "American, Law, & Politics" Area | 3 |
| Elective to meet 120 | 3 |
| Hours | 15 |

Spring

| | |
|---|-----------|
| GE Area C3 Integrative Studies in the Humanities | 3 |
| POL 301 Statistical Analysis in Political Science | 3 |
| Major Course from "International Relations" Area | 3 |
| Major Course from "Comparative Politics" Area | 3 |
| Major Course from "Political Theory" Area | 3 |
| Hours | 15 |

Fourth Year**Fall**

| | |
|---|-----------|
| Additional Upper Division POL Course | 3 |
| Additional Upper Division POL Course | 3 |
| Additional Upper Division POL Course | 3 |
| Additional Upper Division POL Course | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Hours | 15 |

Spring

| | |
|--------------------------------------|------------|
| Additional Upper Division POL Course | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 2 |
| Hours | 14 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| POL 312 | State and Local Government: Organization and Problems | 3 |
| POL 300 | Research Design in Political Science (GWAR Satisfying Course) | 3 |
| POL 100 (if needed) or Additional Upper Division POL Course | | 3 |
| POL 101 (if needed) or Additional Upper Division POL Course | | 3 |
| Elective to meet 120 | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| POL 301 Statistical Analysis in Political Science (POL common core) | | 3 |
| POL 335 | Introduction to International Relations | 3 |
| POL 340 | Introduction to Comparative Politics | 3 |
| POL 350 | History of Political Ideas | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Major Course from "International Relations" Area | | 3 |
| Major course from "American, Law, & Politics" Area | | 3 |
| Major Course from "Comparative Politics" Area | | 3 |
| Major Course from "Political Theory" Area | | 3 |
| POL 315 | Congress and the President | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Additional Upper Division POL Course | | 3 |
| Additional Upper Division POL Course | | 3 |
| Additional Upper Division POL Course | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

International Relations and Comparative Politics Concentration**4- Year Roadmap**

| Course | Title | Hours |
|---|--------------------------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C2 Letters Course | | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| HIS 101 | History Of United States | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |

| | |
|--|------------|
| Additional GE in Area C1 or C2 | 3 |
| POL 100 General Education Political Science: World Perspectives (satisfies GE Area D2) | 3 |
| GE Area F Ethnic Studies | 3 |
| Hours | 15 |
| Spring | |
| POL 335 Introduction to International Relations | 3 |
| POL 340 Introduction to Comparative Politics | 3 |
| POL 350 History of Political Ideas | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Third Year | |
| Fall | |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| POL 300 Research Design in Political Science (GWAR satisfying course) | 3 |
| POL 315 Congress and the President | 3 |
| Major course from "American, Law, & Politics" Area | 3 |
| Elective to meet 120 | 3 |
| Hours | 15 |
| Spring | |
| POL 301 Statistical Analysis in Political Science | 3 |
| International Relations and Comparative Politics Concentration Course (see catalog) | 3 |
| Major Course from "International Relations" Area | 3 |
| Major Course from "Comparative Politics" Area | 3 |
| Major Course from "Political Theory" Area | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| International Relations and Comparative Politics Concentration Course (see catalog) | 3 |
| International Relations and Comparative Politics Concentration Course (see catalog) | 3 |
| International Relations and Comparative Politics Concentration Course (see catalog) | 3 |
| Additional Upper Division POL Course | 3 |
| Additional Upper Division POL Course | 3 |
| Hours | 15 |
| Spring | |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 2 |
| Hours | 14 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| POL 312 | State and Local Government: Organization and Problems | 3 |
| POL 300 | Research Design in Political Science (GWAR satisfying course) | 3 |
| Elective to meet 120 | | 3 |
| POL 100 (if needed) or International Relations and Comparative Politics Concentration Course (see catalog) | | 3 |
| POL 101 (if needed) or International Relations and Comparative Politics Concentration Course (see catalog) | | 3 |
| Hours | | 15 |

| | | |
|---|--|-----------|
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| POL 301 Statistical Analysis in Political Science (POL common core) | | 3 |
| POL 335 Introduction to International Relations | | 3 |
| POL 340 Introduction to Comparative Politics | | 3 |
| POL 350 History of Political Ideas | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Major Course from "International Relations" Area | | 3 |
| Major course from "American, Law, & Politics" Area | | 3 |
| Major Course from "Comparative Politics" Area | | 3 |
| Major Course from "Political Theory" Area | | 3 |
| POL 315 Congress and the President | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| International Relations and Comparative Politics Concentration Course (see catalog) | | 3 |
| International Relations and Comparative Politics Concentration Course (see catalog) | | 3 |
| International Relations and Comparative Politics Concentration Course (see catalog) | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

American Government, Law, and Politics Concentration

4- Year Roadmap

| Course | Title | Hours |
|--|-------|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Written Communication | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C2 Letters Course | | 3 |
| POL 101 American Institutions | | 3 |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| HIS 101 History Of United States | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| POL 100 General Education Political Science: World Perspectives (satisfies GE Area D2) | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |
| Spring | | |
| POL 335 Introduction to International Relations | | 3 |
| POL 340 Introduction to Comparative Politics | | 3 |

| | | |
|----------------------------|----------------------------|---|
| POL 350 | History of Political Ideas | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |

Hours 15

Third Year

Fall

| | | |
|--|---|---|
| GE Area B5 Integrative Studies in Natural Sciences | | |
| POL 300 | Research Design in Political Science (GWAR satisfying course) | 3 |
| POL 315 | Congress and the President | 3 |
| Major course from "American, Law, & Politics" Area | | 3 |
| Elective to meet 120 | | 3 |

Hours 15

Spring

| | | |
|---|---|---|
| POL 301 | Statistical Analysis in Political Science | 3 |
| American Government, Law, and Politics Concentration Course (see catalog) | | |
| Major Course from "International Relations" Area | | |
| Major Course from "Comparative Politics" Area | | |
| Major Course from "Political Theory" Area | | |

Hours 15

Fourth Year

Fall

| | | |
|---|--|--|
| American Government, Law, and Politics Concentration Course (see catalog) | | |
| American Government, Law, and Politics Concentration Course (see catalog) | | |
| American Government, Law, and Politics Concentration Course (see catalog) | | |
| Additional Upper Division POL Course | | |
| Additional Upper Division POL Course | | |

Hours 15

Spring

| | | |
|---|--|--|
| GE Area D3 Integrative Studies in the Social Sciences | | |
| GE Area C3 Integrative Studies in the Humanities | | |
| Elective to meet 120 units | | |
| Elective to meet 120 units | | |
| Elective to meet 120 units | | |

Hours 14

Total Hours 120

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|--|---|---|
| POL 312 | State and Local Government: Organization and Problems | 3 |
| POL 300 | Research Design in Political Science (GWAR satisfying course) | 3 |
| POL 100 (if needed) or American Government, Law, and Politics Concentration Course (see catalog) | | |
| POL 101 (if needed) or American Government, Law, and Politics Concentration Course (see catalog) | | |
| Elective to meet 120 | | |

Hours 15

Spring

| | | |
|--|---|---|
| GE Area B5 Integrative Studies in Natural Sciences | | |
| POL 301 | Statistical Analysis in Political Science (POL common core) | 3 |
| POL 335 | Introduction to International Relations | 3 |
| POL 340 | Introduction to Comparative Politics | 3 |
| POL 350 | History of Political Ideas | 3 |

Hours 15

Second Year

Fall

| | | |
|--|--|--|
| Major Course from "International Relations" Area | | |
| Major course from "American, Law, & Politics" Area | | |

Major Course from "Comparative Politics" Area 3

Major Course from "Political Theory" Area 3

POL 315 Congress and the President 3

Hours 15

Spring

| | | |
|---|--|--|
| GE Area D3 Integrative Studies in the Social Sciences | | |
| GE Area C3 Integrative Studies in the Humanities | | |
| American Government, Law, and Politics Concentration Course (see catalog) | | |
| American Government, Law, and Politics Concentration Course (see catalog) | | |
| American Government, Law, and Politics Concentration Course (see catalog) | | |

Hours 15

Total Hours 60

Political Theory Concentration

4- Year Roadmap

| Course | Title | Hours |
|--------|-------|-------|
|--------|-------|-------|

First Year

Fall

| | | |
|---|--|--|
| GE Area A2 Written Communication | | |
| GE Area B4 Quantitative Reasoning | | |
| GE Area C1 Arts Courses | | |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | |
| GE Area E Lifelong Learning and Self-Development | | |

Hours 15

Spring

| | | |
|--|-----------------------|---|
| GE Area A1 Oral Communication | | |
| GE Area A3 Logic/Critical Thinking | | |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | |
| GE Area B3 Science Laboratory | | |
| GE Area C2 Letters Course | | |
| POL 101 | American Institutions | 3 |

Hours 16

Second Year

Fall

| | | |
|--|--|---|
| HIS 101 | History Of United States | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | |
| Additional GE in Area C1 or C2 | | |
| POL 100 | General Education Political Science: World Perspectives (satisfies GE Area D2) | 3 |

GE Area F Ethnic Studies 3

Hours 15

Spring

| | | |
|----------------------------|---|---|
| POL 335 | Introduction to International Relations | 3 |
| POL 340 | Introduction to Comparative Politics | 3 |
| POL 350 | History of Political Ideas | 3 |
| Elective to meet 120 units | | |
| Elective to meet 120 units | | |

Hours 12

Third Year

Fall

| | | |
|--|---|---|
| GE Area B5 Integrative Studies in Natural Sciences | | |
| POL 300 | Research Design in Political Science (GWAR satisfying course) | 3 |
| POL 315 | Congress and the President | 3 |
| Major course from "American, Law, & Politics" Area | | |
| Elective to meet 120 | | |

Hours 15

Spring

| | | |
|---|--|--|
| POL 301 Statistical Analysis in Political Science | | |
|---|--|--|

3

| | |
|---|------------|
| Political Theory Concentration Course (see catalog) | 3 |
| Major Course from "International Relations" Area | 3 |
| Major Course from "Comparative Politics" Area | 3 |
| Major Course from "Political Theory" Area | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| Political Theory Concentration Course (see catalog) | 3 |
| Political Theory Concentration Course (see catalog) | 3 |
| Political Theory Concentration Course (see catalog) | 3 |
| Additional Upper Division POL Course | 3 |
| Additional Upper Division POL Course | 3 |
| Hours | 15 |
| Spring | |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 2 |
| Hours | 14 |
| Total Hours | 117 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GWAR satisfying course | | 3 |
| POL 312 | State and Local Government: Organization and Problems | 3 |
| POL 300 | Research Design in Political Science | 3 |
| POL 100 (if needed) or Political Theory Concentration Course (see catalog) | | 3 |
| POL 101 (if needed) or Political Theory Concentration Course (see catalog) | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| POL 301 Statistical Analysis in Political Science (POL common core) | | 3 |
| POL 335 | Introduction to International Relations | 3 |
| POL 340 | Introduction to Comparative Politics | 3 |
| POL 350 | History of Political Ideas | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| Major Course from "International Relations" Area | | 3 |
| Major course from "American, Law, & Politics" Area | | 3 |
| Major Course from "Comparative Politics" Area | | 3 |
| Major Course from "Political Theory" Area | | 3 |
| POL 315 | Congress and the President | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Political Theory Concentration Course (see catalog) | | 3 |
| Political Theory Concentration Course (see catalog) | | 3 |
| Political Theory Concentration Course (see catalog) | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Political Science, Minor Requirements (15 units)

| Code | Title | Hours |
|--|-------------------------|-----------|
| Upper Division Requirements | | |
| Select three upper division courses from three of the four following categories: | | 9 |
| | Political Thought | |
| | American Politics | |
| | Comparative Politics | |
| | International Relations | |
| Select two additional upper division courses in political science ¹ | | 6 |
| Total Hours | | 15 |

¹ No course may be repeated for credit toward the minor.

Pre-Health Professions Program

College of Natural and Behavioral Sciences

Examples of Health Professions

- Chiropractic
- Dentistry
- Medicine (MD, DO, ND)
- Optometry
- Physician Assistant
- Pharmacy
- Podiatry
- Veterinary Medicine
- Physical Therapy

Program Description

An important component of the CSUDH undergraduate curriculum is the preparation of students for medicine and other health professional programs, e.g. dentistry, pharmacy, veterinary medicine, physician assistant, etc. This preparation can include a major in the sciences as well as a major in other disciplines, e.g. music, history, English, etc. In fact, a "well rounded" education is viewed very favorably by many health professional school admissions committees, so for even those who major in a science, it is important to obtain a broad liberal arts education by taking electives in the humanities, fine arts and social and behavioral sciences. However, it must be recognized that majoring in a non-science discipline does require completing, and doing well, in the science courses that are pre-requisites for admissions to the health professional schools.

Since many of the professional health schools (e.g. medicine, dentistry, pharmacy, optometry, podiatry) require similar courses as requirements for admissions, this sheet describes the basic CSUDH courses for many "pre-health professional" programs. Generally, the requirements for these health professional schools include one-year lecture and laboratory in general chemistry, organic chemistry, physics and general biology. In addition, health professional schools may require or recommend additional courses in math, cell biology, genetics and biochemistry.

To reiterate, students **must** meet these prerequisites, in addition to those courses of their major.

Students who already have a bachelor's degree in an area other than the sciences may, of course, fulfill the minimum requirements for entrance into these health schools by completing the core requirements through a post-baccalaureate course of study.

Faculty in the sciences, i.e. biology, chemistry and physics often teach the required courses; importantly, CSUDH, students taking these courses benefit from small class size, close instructor contact and active advising programs.

Academic Advising

Regardless of their major, pre-professional health students should be advised by a campus Pre-health Advisor, who has knowledge of the admission requirements of the health professional schools so as to assist them best in meeting the entrance requirements for the professional school/program.

Since the entrance requirements vary, it is important that the student works with the advisor to determine the specific requirements of each school to which they plan to apply. Notably, Community College transfer students often complete some of the lower division prerequisite courses required at their community college. However, they should consult with the Pre-health advisor, the Advising Center and the University Catalog relative to articulation agreements.

Drs. Thomas Landefeld, from the biology department, and Patrick Still, from chemistry, are the designated CSUDH Pre-health Advisors. Students who are interested in a career in the health professions should make an appointment with them at any stage of their education, preferably as early as possible once they have made that decision. Appointments are made through the Biology office in NSM A-143 and/or by calling (310) 243-3381.

Preparation

It is strongly advised that the student check with individual schools/programs for their requirements and recommendations as some schools may have specific requirements.

The following list represents some general requirements.

Pre-Health Courses

Required courses

- 1 year general biology with lab (e.g. BIO 120 Principles of Biology I/BIO 122 Principles of Biology II)
- 1 year general chemistry with lab (e.g. CHE 110 General Chemistry I/CHE 112 General Chemistry II)
- 1 year organic chemistry with lab (e.g. CHE 310 Organic Chemistry I/CHE 311 Organic Chemistry Lab I/CHE 312 Organic Chemistry II/CHE 313 Organic Chemistry Laboratory II)
- 1 year college math- some schools require statistics while others may require calculus (e.g. MAT 171 Survey of Calculus for Management and Life Sciences or MAT 191 Calculus I)
- 1 year physics with lab (e.g. PHY 120 Elements Of Physics I/PHY 122 Elements Of Physics II or PHY 130 General Physics I/PHY 132 General Physics II)
- 1 year college English (composition)

Recommended courses

- Biochemistry, some require the lab (e.g. CHE 450 Biochemistry I/CHE 451 Biochemistry I Lab) while others do not require the lab- the

lecture is strongly recommended, especially for students taking the MCAT

- Spanish (particularly for CA and TX schools, but others may also recommend) – strongly recommended
- Cellular and molecular biology, endocrinology, microbiology, immunology, genetics, developmental biology, psychology represent some other recommended courses
- Several programs require a human anatomy course (with lab) and a human physiology course (with lab), neither of which are offered here at CSUDH

Other possible recommendations

- Dentistry – psychology (may be required), sculpture or fine arts or drafting
- Optometry – psychology (made be required), physiology, neurophysiology
- Veterinary – animal/human nutrition, vertebrate physiology
- Pharmacy – economics and composition (often required); experience in a pharmacy
- Osteopathic medicine – A letter of recommendation from a D.O. (sometimes required)

Additional Experiences that strengthen an application

- Scientific research
- Hospital/health care volunteer services, e.g. COPE Program, Atlantis Project

It is critical that the student speak to the Pre-health advisor to not only discuss a specific career plan but also to better prepare their application regarding such things as a personal statement, obtaining letters of recommendation and choosing schools. Also it is advisable to join the student Pre-health Society (PHS) to participate in activities related to the health professions. However, in addition, the student must familiarize themselves with as much information as possible regarding not only the health professional schools but also about the career itself. An excellent resource for researching health careers is www.explorehealthcareers.org (<http://www.explorehealthcareers.org>).

Pre-Law

College of Business Administration and Public Policy

Planning Undergraduate Coursework

CSU Dominguez Hills offers extensive and varied opportunities to plan for a future career in law. There are many courses in various disciplines that contribute to the skills students will need as a lawyer. For help in choosing your courses, contact a pre-law advisor after admission to the university.

Skills Pre-Law Students Must Develop

Several broad objectives of pre-legal education are set forth by the Association of American Law Schools. These include the oral and written command of language; an understanding and appreciation of social, political and economic values, institutions, problems and frames of reference; and an ability for creative, innovative, critical and analytical thinking.

Choosing a Major or Minor

The selection of a major and minor should depend on the student's personal interest or goals. Traditionally, students bound for law school

majored in political science. More recently, with new social trends, students also major in such varied areas as public administration, sociology, business, economics, history, English, philosophy.

The Stanley Mosk Undergraduate Moot Court Competition

CSU Dominguez Hills has the only undergraduate moot appellate court that permits students to argue before Supreme and Appellate Court Justices. Each spring a competition is held in which students are given research materials, trained in oral argument, and compete in rounds. Courses are presently available, though not required for participation, in political science and sociology.

Law School Admissions Test & Letters of Recommendation

Applicants for admission to most law schools are expected to have a B.A. or a B.S. Degree and to have taken the Law School Admission Test (LSAT). The LSAT is a specialized test designed to measure cognitive skills that are used in legal reasoning and argument. Test preparation courses can help raise student scores; but such preparation is best done well in advance. A manual is available, through the pre-law advisors, which explains LSAT preparation and relates it to upper division coursework. See a pre-law advisor as close as possible to the beginning of your junior year or earlier to take best advantage of LSAT preparation. Many law schools require that the LSAT be taken by December of the year preceding law school entry. A packet of information about the LSAT is available from any pre-law advisor, the Information Center or by writing directly to the Law School Admission Services, Box 2000, Newtown, PA 18940.

Letters of recommendation, and even personal statements require early planning. A manual on how to write requests for letters of recommendation and how to strengthen personal statements is available to students. Students should obtain these manuals and plan their applications with their advisors during their junior year.

Credit/No Credit Courses and Law School Admission Policy

Most law schools require applicants to take the Law School Admissions Test and also subscribe to the Law School Data Assembly Service (LSDAS), which reviews academic transcripts and standardizes undergraduate records to simplify the work of law school admission committees. Grades are converted to one system that allows law schools to compare applicants from many different campuses on a uniform basis. Note the LSDAS counts a "NC" grade in a CR/NC class as a failing grade. Students planning to apply to law school must either complete the course for "Credit" or withdraw. Do not simply drop the course and allow a "No Credit" to appear on the transcript.

Phi Alpha Delta

Students are encouraged to join the university's chapter of Phi Alpha Delta, a pre-law society.

Sources of Additional Information

There are special financial benefits and educational programs available to minority students through the Council on Legal Education Opportunity, 1800 M. Street, N.W., Suite 290, North Lobby, Washington, D.C. 20036.

For general law information, a student should see the bulletins or catalogs of various law schools or the official Pre-Law Handbook, current edition, prepared by the Law School Admission Test Council and the Association of American Law Schools. This handbook may be obtained at most college bookstores or ordered from Educational Testing Services, Princeton, N.J. 08540. Usually a copy of the latest edition of the Pre-Law Handbook will be on reserve in the library.

Courses

LAW 240. Legal Environment of Business. (3 Units)

Analysis of the legal process; functions and operations within a federal system; contracts; sales; tort liability as it impacts business; government regulation of business.

Offered Fall, Spring, Summer

LAW 340. Law Of Bus Organizations. (3 Units)

Legal consequences of selection of one form of business organization over another; analysis of the law of corporations, partnerships, and agencies; law of the workplace; corporate ethics and social responsibilities.

Offered Fall, Spring, Summer

LAW 342. Employment Law. (3 Units)

Prerequisites: LAW 240 is recommended. Overview of the laws impacting the workplace; anti-discrimination law; employee safety, health and privacy; the employer-employee contract; labor law; regulatory agencies; retirement compensation; other statutory rights.

Offered Fall, Spring

LAW 440. Legal Issues in E-Commerce. (3 Units)

Prerequisites: LAW 240. This course covers the legal aspects of doing business on-line. Topics covered will include: on-line contracts, e-crimes, privacy, intellectual property, e-commerce taxation and e-payment systems.

Offered Infrequent

LAW 495. Special Topics in Law. (1-4 Units)

Study of current topics in Law. Repeatable course

Offered Infrequent

LAW 595. Selected Topics in Law. (3 Units)

Prerequisites: Graduate Standing. Intensive study of a specialized area of Law on a selected topic of particular interest to faculty and students. Three hours of seminar per week. Specific topic listed in class schedule. Repeatable course.

Offered Infrequent

Psychology

College of Natural and Behavioral Sciences
Department of Psychology

Program Description

Psychology is about people's behavior and experience. Psychologists teach, provide clinical services, and do research or other applied work on subjects relating to the social and behavioral sciences. In order to discover more about behavior, psychologists study both humans and animals. Psychology covers a wide range of topics, from the way our social environment influences us to the inner workings of our bodies. This diversity of topics is reflected in the psychology curriculum.

The Department of Psychology sees its mission as offering a solid foundation in the theories and scientific methods of psychology to diverse and nontraditional students who choose to study Psychology at

the undergraduate and graduate level. The department offers courses in the empirical knowledge and research methods of scientific psychology and applied psychology for psychology majors and graduate students. Furthermore, the department helps meet the needs of those studying other subjects, such as Human Services majors, Liberal Studies majors, people minoring in Psychology, and other individuals. The department sees its mission as offering these educational experiences within a framework which values and encourages diversity. Within this broad mission, the department develops, evaluates, and alters, as needed, a set of specific goals and objectives for the psychology major.

The department publishes its goals and objectives for all Psychology students to review. It also engages in an ongoing Outcomes Assessment program to evaluate its success in achieving these goals and objectives. Psychology majors are required to participate in the Outcomes Assessment program in order to evaluate both the effectiveness of the department and student competencies.

Features

At the undergraduate level, the Department of Psychology provides opportunity for the study of three different aspects of the field. For students interested in the research and scientific aspects, courses on the application of the scientific method to the study of human and animal behavior are offered. For those with applied interests, courses relating to counseling, clinical psychology, health psychology and behavioral medicine, industrial and organizational psychology, computers, and service in community agencies are offered. For students with a general interest in psychology, many courses provide knowledge that is useful in understanding one's self and in understanding and relating to others effectively.

Requirements for the Bachelor of Arts in Psychology can be completed by attending class during the day or evening hours. At present, it may take six or more semesters to complete the upper division courses in the evening.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or tax payer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements.

Academic Advisement

The Psychology Department Sears Peer Advising Center (<https://www.csudh.edu/psychology/current-students/advising/>) and the faculty provide advising for the psychology major, minor, and electives as well as General Education advisement for psychology majors.

Students who are contemplating or have decided upon a major or minor in psychology or who have an interest in taking psychology courses

as electives should see a peer advisor in the Psychology Department Sears Peer Advising Center (<https://www.csudh.edu/psychology/current-students/advising/>) at their first opportunity. Although not required, it is in each student's best interest to see a peer advisor once a semester and to keep his or her files in the Sears Center up to date.

Preparation

High school students are encouraged to take four years of English and three years of mathematics including algebra. Courses in biology and psychology and the other social and behavioral sciences are recommended. Knowledge of computers is helpful for some courses.

Transfer students should contact their counseling center or advisor to identify appropriate lower division major/minor preparatory courses. Whenever possible, transfer students who do not plan to transfer until their junior year should take the lower division equivalents of PSY 101 General Education Psychology: Understanding Human Behavior, PSY 230 Elementary Statistical Analysis in Psychology, and PSY 235 Intro To Research Methods.

Student Organizations

The department has multiple clubs (<https://www.csudh.edu/psychology/current-students/activities/>), including a SPSS Training Club (<https://www.csudh.edu/psychology/current-students/activities/>), Toro Psych Club (<https://torolink.csudh.edu/organization/Toropsychclub/>) and a chapter of Psi Chi (<https://www.csudh.edu/psychology/psichi/>), the International Honor Society for Psychology. There are also numerous opportunities for student involvement in research (<https://www.csudh.edu/psychology/current-students/research/>) and service.

Graduation With Honors

An undergraduate student may be a candidate for graduation with Honors in Psychology by meeting the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Psychology Skill-Building Elective Course Clusters

Some students may be interested in gaining skills and knowledge in Psychology, but might not want to major in Psychology. Students with interests in gaining psychology-related skills are encouraged to use their general elective courses to take advantage of one of the following skill-building clusters. These clusters are designed to build a foundation in a key area of psychology-oriented skills, such as:

- Business-related Skills:

| Code | Title | Hours |
|---------|--|-------|
| PSY 314 | Behavior Modification | 3 |
| PSY 340 | Social Psychology: Psychological Perspective | 3 |
| PSY 367 | Effective Communication Skills | 3 |
| PSY 372 | Industrial and Organizational Psychology | 3 |

- Counseling and Related Services:

| Code | Title | Hours |
|---------|----------------------------------|-------|
| PSY 342 | Interpersonal and Group Dynamics | 3 |
| PSY 360 | Theories Of Personality | 3 |

| | | |
|---------|---|---|
| PSY 363 | Abnormal Psychology | 3 |
| PSY 367 | Effective Communication Skills | 3 |
| PSY 464 | Introduction to Clinical Psychology | 3 |
| PSY 470 | Community Psychology: Issues and Practice | 3 |

- Diversity/Community Issues:

| Code | Title | Hours |
|---------|---|-------|
| PSY 363 | Abnormal Psychology | 3 |
| PSY 368 | Human Sexuality | 3 |
| PSY 376 | Psychology Of Gender | 3 |
| PSY 380 | Psychology of the Mexican American I | 3 |
| PSY 383 | Black Psychology | 3 |
| PSY 464 | Introduction to Clinical Psychology | 3 |
| PSY 470 | Community Psychology: Issues and Practice | 3 |

- Family Affairs:

| Code | Title | Hours |
|---------|---|-------|
| PSY 350 | Child Psychology | 3 |
| PSY 351 | Psychology of Adolescent Experience | 3 |
| PSY 352 | Psychology of Adult Development and Aging | 3 |
| PSY 353 | The Experience of Death and Dying: Psychological Perspectives | 3 |
| PSY 382 | Psychological Development of the Black Child | 3 |

- Interpersonal Skills:

| Code | Title | Hours |
|---------|--|-------|
| PSY 340 | Social Psychology: Psychological Perspective | 3 |
| PSY 342 | Interpersonal and Group Dynamics | 3 |
| PSY 360 | Theories Of Personality | 3 |
| PSY 367 | Effective Communication Skills | 3 |

- Children and Adolescents:

| Code | Title | Hours |
|---------|--|-------|
| PSY 350 | Child Psychology | 3 |
| PSY 351 | Psychology of Adolescent Experience | 3 |
| PSY 314 | Behavior Modification | 3 |
| PSY 367 | Effective Communication Skills | 3 |
| PSY 382 | Psychological Development of the Black Child | 3 |

For Psychology majors, the following cluster is suggested for those who plan to apply to graduate school:

- Graduate School Preparation:

| Code | Title | Hours |
|---------|--|-------|
| PSY 240 | Biopsychology | 3 |
| PSY 322 | Cognitive Psychology | 3 |
| PSY 324 | Sensation & Perception | 3 |
| PSY 330 | Intermediate Statistics and Research Design | 3 |
| PSY 340 | Social Psychology: Psychological Perspective | 3 |
| PSY 360 | Theories Of Personality | 3 |
| PSY 363 | Abnormal Psychology | 3 |
| PSY 490 | Senior Seminar Psychology | 3 |

additional upper-division Lecture/Laboratory courses

Career Possibilities

In addition to preparing students for graduate study in psychology and other professions, an undergraduate degree can lead directly to multiple careers (<https://www.csudh.edu/psychology/current-students/careers/>), including employment in business and industry, education, counseling, human services, and several other areas.

Psychology courses also can be used to develop and strengthen adaptive or intellectual skills, and add to students' knowledge base and facilitate development of behavioral traits and attitudes linked to career success. The adaptive skills that are most directly fostered within the psychology curriculum are: interpersonal and human relations skills, thinking and problem solving skills, communication skills.

Psychology is an excellent major or minor for students who are interested in careers in management, communication, marketing or other positions that require understanding of human behavior and human interactions. Many students who are interested in careers in law or medicine choose a psychology degree for their undergraduate major. The psychology degree is pursued by many students who wish to engage in graduate study in psychology at the master's or doctoral degree level as preparation for careers in mental health, psychological research, industrial and organizational psychology and college teaching. Additional competencies recommended for the major include computer literacy and a second language.

Undergraduate Programs

Bachelor

- Psychology, Bachelor of Arts (p. 780)

Minor

- Psychology, Minor (p. 784)

Graduate Programs

Master

- Psychology, Master of Arts (p. 782)

Faculty

Undergraduate

Carl Sneed, Department Chair

Kaylie Carbine (<https://www.csudh.edu/psychology/faculty-staff/kaylie-carbine/>), Associate Chair

Giacomo Bono, Heather Butler, Maria Hurtado-Ortiz, Ashley Membere, Erin Merz, Kevin Montes, Keisha Paxton, Silvia Santos, Samantha Scudder, Amy Sewart, Irene Tung, Tara Victor, Philip Vieira

VACANT, Administrative Support Coordinator

Lecturers (<https://www.csudh.edu/psychology/faculty-staff/>)

TBA, Psychology Instructional Support Technician

Department Office: SBS A-336, (310) 243-3427

Sears Peer Advising Center. Webpage (<https://www.csudh.edu/psychology/current-students/advising/>)

Technical Services: SBS A-240A, (310) 243-2563

Graduate

Silvia Santos (<https://www.csudh.edu/psychology/faculty-staff/silvia-santos/>), SBS A-336, (310) 243-3427

Emeriti Faculty

Jack Adams, Leo Cain, Ramona Davis, Lisa Gray-Shellberg, Aaron Hass, Diane Henschel, George Marsh, M. Milo Milfs, Harvey Nash, Beverly Palmer, Eleanor B. Simon Price, Larry Rosen, Fred Shima, Quentin C. Stodola, Judith Todd, Sandra Wilcox, Karen Wilson, L. Mark Carrier

Courses

PSY 101. General Education Psychology: Understanding Human Behavior. (3 Units)

An introduction to psychology emphasizing the personal, cognitive and social development and functioning of the individual, and the influence of both physiological and social factors. Consideration of basic concepts and applications.

Offered Fall, Spring, Summer

PSY 110. Critical Thinking and Problem Solving. (3 Units)

Course is designed to improve critical thinking and problem solving skills such as deductive and inductive reasoning, probabilistic reasoning and decision-making. May include computer-assisted instruction. A-C-/NC grading.

Offered Fall, Spring, All terms

PSY 230. Elementary Statistical Analysis in Psychology. (3 Units)

The application of descriptive and inferential statistics to the design and analysis of psychological research.

Offered Fall, Spring, All terms

PSY 235. Intro To Research Methods. (3 Units)

Prerequisite: PSY 230 or MAT 131. Examination of the design, conduct and interpretation of research studies, both experimental and non-experimental, as demonstrated in a wide range of psychological phenomena. Includes a consideration of philosophy of science and preparation of research reports. Two hours of lecture and three hours of laboratory per week.

Offered Fall, Spring

PSY 240. Biopsychology. (3 Units)

Prerequisite: PSY 101 required. PSY 230, PSY 235 recommended. Course introduces the biological basis of human behavior providing information on the different physiological systems involved in behavior and cognition. An understanding of the human nervous system is central to this course.

Offered Fall, Spring

PSY 305. History and Systems of Psychology. (3 Units)

The study of the development of psychology as a discipline, and the influence of principal leaders and modern psychology.

Offered Fall, Spring

PSY 306. Design Your Life. (3 Units)

Prerequisite: PSY 101 required. Course is designed to help students prepare for the transition from the university to your first career. Students will critically examine their beliefs, build skills needed to achieve their career goals, and design plans for several careers.

Offered Fall, Spring

PSY 312. Theories Of Learning. (3 Units)

Consideration of the major theories of learning and their experimental bases.

Offered Infrequent

PSY 314. Behavior Modification. (3 Units)

Prerequisite: PSY 101 or equivalent. The application of principles and concepts from the experimental analysis of behavior to problems outside the laboratory. Each student will successfully complete a project.

Offered Fall, Spring

PSY 316. Behavioral Neuroscience. (3 Units)

AAAdvanced study of the relationship between the brain and behavior.

Focus on neuroanatomy, psychology, pharmacology and their application to cognition, emotion, learning, motivation, attention, executive function, perception and memory. Analysis of model organism and their application to neurodegenerative disease and the neurobiology of mental illness.

Foundational experiments and recent discoveries in the field will be reviewed and discussed with a focus on how these findings relate to broader theories in the field.

Offered Fall, Spring, Summer

PSY 318. Stress Psychobiology. (3 Units)

This course cover the behavioral neurobiology of stress, including what stress is mentally and physically, how stress affect physiology and contributes to physical disease, and what factors moderate the stress experience and improve stress management (such as biofeedback).

PSY 320. Psychopharmacology. (3 Units)

Effects of drugs on mood, personality and behavior. Drug use in treatment of mental disorders in children, adults, and the elderly.

Offered Fall, Spring, Summer

PSY 322. Cognitive Psychology. (3 Units)

An introduction to theory and research in human information processing.

Topics include attention, memory, neurocognition, mental representation, imagery, problem solving, reasoning, language, and other higher mental processes.

Offered Fall, Spring, Summer

PSY 324. Sensation & Perception. (3 Units)

Prerequisites: PSY 101 required. PSY 230, PSY 235 recommended.

Study of sensory and perceptual processes in vision, touch, and hearing. Emphasis placed in how basic perceptual principles operate in everyday life as well as in lab settings.

Offered Fall, Spring

PSY 326. Neuropharmacology. (3 Units)

Required Prerequisites: PSY 101, PSY 230, PSY 235, PSY 240.

Recommended Prerequisites: PSY 320. Advanced study of the chemical basis of behavior and mechanism by which drugs impact the biological aspects of an organism. Focus on pharmacokinetic and pharmacodynamic elements of neurochemical signaling, examining major drug classifications, with an emphasis on the biological dimensions of their action.

Offered Fall, Spring

PSY 328. Music and the Mind. (3 Units)

Survey of topics in the psychology and cognition of music/ Student will explore topics such as memory, attention, perception, imagery, language, and thinking as they relate to music, with special attention to cognitive, social dimensions, and identity.

Offered Fall, Spring, Summer

PSY 330. Intermediate Statistics and Research Design. (3 Units)

Prerequisites: PSY 230 or MAT 131 is required. The applications of statistical techniques to problems in the behavioral sciences. Discussion of problems in hypothesis formulation, sampling techniques, distribution-free statistics, multivariate data analysis, and presentation of results.

Two hours of lecture and two hours of laboratory per week.

Offered Fall, Spring

PSY 331. Measurement In Psychology. (3 Units)

Prerequisite: PSY 230 or MAT 131. Fundamentals of psychological measurement. Reliability, validity, item analysis, norms, and test construction and selection. Experience in administering, scoring, and interpreting tests of intelligence, aptitude, and personality. Two hours of lecture and two hours of laboratory per week.

Offered Fall, Spring, All terms

PSY 340. Social Psychology: Psychological Perspective. (3 Units)

A broad survey of theories and research areas in social psychology. Including such topics as aggression, prejudice, person perception, leadership and conformity.

Offered Fall, Spring, Summer, All terms

PSY 341. Social Cognition. (3 Units)

A review of theory and research focusing on mental processes that underlie how people make sense of themselves and others. Social cognition focuses on social interactions that involve people's judgments, beliefs, decisions, and behaviors in social situations.

Offered Fall, Spring, Summer

PSY 342. Interpersonal and Group Dynamics. (3 Units)

Methods, theories and research findings concerning interpersonal dynamics and the dynamics of small groups. The class will learn communication skills and participate in various aspects of group experience.

Offered Fall, Spring, All terms

PSY 350. Child Psychology. (3 Units)

The cognitive, psychological and social development of the child from birth to adolescence. Fieldwork at discretion of instructor.

Offered Fall, Spring, Summer

PSY 351. Psychology of Adolescent Experience. (3 Units)

Consideration of the major theories and research concerning development during adolescence. Emphasis on the development of personal identity as it relates to social roles in adolescence.

Offered Fall, Spring

PSY 352. Psychology of Adult Development and Aging. (3 Units)

Theories and research in adult development and aging, including the effects of physiological and socio-economic changes on psychological variables within an aging population.

Offered Fall, Spring

PSY 353. The Experience of Death and Dying: Psychological Perspectives. (3 Units)

Readings, discussion, and case studies in the psychodynamics of reactions to death and behavior patterns, coping with impending or recent death, loss, and grief; attitudes towards death and dying; the fear of death; children's responses to death.

Offered Spring

PSY 360. Theories Of Personality. (3 Units)

A study of basic theories of personality including type theories; trait theories; psychoanalytic, learning, biosocial, self and holistic-integrative theories.

Offered Fall, Spring, Summer, All terms

PSY 363. Abnormal Psychology. (3 Units)

The causes and manifestations of abnormal behavior. Field study and case study.

Offered Fall, Spring, Summer, All terms

PSY 367. Effective Communication Skills. (3 Units)

Training and practice in effective communication skills, such as active listening, accurate empathy, respect, genuineness, concreteness, assertion and message sending. Lecture will provide theoretical and empirical rationale for applied skills and techniques. Supervised small group practice will provide experience and feedback on applying such skills.

Offered Fall, Spring, All terms

PSY 368. Human Sexuality. (3 Units)

Course will cover the physiological and psychological aspects of human sexuality. The origin and treatment of sexual dysfunction will also be discussed.

Offered Fall, Spring, All terms

PSY 370. Health Psychology. (3 Units)

Prerequisite: PSY 101. Survey of the major findings and theories from the field of health psychology. Includes consideration of psychological, social, and cultural effects on health.

Offered Fall

PSY 371. Forensic and Legal Psychology. (3 Units)

Prerequisite: PSY 101 required. A survey of forensic and legal psychology including interrogations, eyewitness memory, forensics, the death penalty, the insanity defense, competency to stand trial, jury decision-making, and more. Emphasizes research on the importance of understanding and preventing wrongful convictions.

Offered Fall, Spring

PSY 372. Industrial and Organizational Psychology. (3 Units)

Survey of the application of psychology to organizations, personnel, work environments, buying, and selling, with particular attention to current issues.

Offered Fall, Spring

PSY 376. Psychology Of Gender. (3 Units)

Prerequisite: PSY 101 is recommended. Theory and research on the development of gender identity and gender differences and similarities. Includes role of ethnicity, cross-cultural evidence, and analysis of status and power differences favoring males.

Offered Fall, Spring

PSY 380. Psychology of the Mexican American I. (3 Units)

Prerequisite: PSY 340 is recommended. The psychological development and socialization of the Mexican American. The Mexican American as unique from both mother culture and dominant culture, especially a consideration of how language, color, and socio-economic class affect the individual.

Offered Infrequent

PSY 382. Psychological Development of the Black Child. (3 Units)

Unique environmental influences on the psychological development of the Black child, from the prenatal period through elementary school. Emphasis on social, intellectual and emotional growth.

Offered Spring

PSY 383. Black Psychology. (3 Units)

An investigation into the dynamics of the Black personality, and the influence of American social institutions. Focus on the various types of psychological adaptations, identity conflicts, problems of self esteem, and evaluation of Black consciousness.

Offered Fall

PSY 396. Practicum In Psychology. (3 Units)

Prerequisite: HUS 300 or consent of instructor. May not be taken concurrently with any other fieldwork course. Supervised work experience in applied psychology, with emphasis upon human services and educational settings. Supervision emphasizes training and application of clinical, interviewing, and other helping skills, didactic methods, group techniques, methods of evaluation and/or other skills specific to fieldwork needs. CR/NC grading. Repeatable course.
Offered Infrequent, All terms

PSY 411. Advanced Research Methods in Personality and Social Psychology. (3 Units)

Prerequisites: PSY 230, PSY 235, and PSY 340 or PSY 360; concurrent enrollment in PSY 412. Examination of selected areas of personality and social psychology, such as interpersonal attraction, self concept, and attitudes. Equips students to understand, evaluate and independently conduct research.
Offered Fall, Spring

PSY 412. Research Seminar in Personality and Social Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235; concurrent enrollment in PSY 411. Development of research skills in personality and social psychology including conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results. Three hours of seminar per week.
Offered Fall, Spring

PSY 413. Advanced Research Methods in Learning and Evolutionary Psychology. (3 Units)

Prerequisite(s): PSY 235 & PSY 230 required. Corequisite: PSY 414. An examination of the scientific synthesis of evolutionary biology of modern psychology, which offers a novel approach to such issues as short-term and long-term human mating strategies, short-term sexual strategies, conflict between the sexes, parental investment, aggression, and social dominance.
Offered Fall, Spring

PSY 414. Research Seminar in Learning and Evolutionary Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235 are required. Co-requisite: PSY 413 is required. Development of research skills for studying human behavior from the perspective of evolutionary biology, behavioral adaptations, and comparisons with other species. The course includes conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results.
Offered Fall, Spring

PSY 415. Advanced Research Methods in Cognitive Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235. Survey of cognitive psychology including intelligence, cognitive development, perception, reasoning, memory, problem solving, language, comprehension and decision making. Consideration of both Piagetian and information processing perspectives. Three hours of seminar per week.
Offered Fall, Spring, All terms

PSY 416. Research Seminar in Cognitive Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235; concurrent enrollment in PSY 415. Development of research skills in cognitive psychology, including conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results. Three hours of seminar per week.
Offered Fall, Spring, All terms

PSY 417. Advanced Research Methods in Biological Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235. Study of biological mechanisms underlying human behavior including physiology of various systems including nervous system, sensory and motor systems, endocrine system, with attention to applications and current advances in neuroscience.
Offered Fall, Spring

PSY 418. Research Seminar in Biological Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235; concurrent enrollment in PSY 417. Development of research skills in biological psychology, including conception, design and conduct of studies, analyzing, organizing and evaluating findings and communicating results. Three hours of seminar per week.
Offered Fall, Spring

PSY 419. Advanced Research Methods in Forensic and Legal Psychology. (3 Units)

Prerequisite: PSY 230 and PSY 235 required. PSY 330 or PSY 331 recommended. Co-requisite: PSY 420 required. Explores the field of forensic and legal psychology including interrogations, eyewitness memory, forensics, the death penalty, the insanity defense, competency to stand trial, jury decision-making. Emphasizes research on preventing wrongful convictions and research methods employed to study
Offered Infrequent

PSY 420. Research Seminar in Forensic and Legal Psychology. (3 Units)

Prerequisites: PSY 230 and PSY 235 required. PSY 330 or PSY 331 recommended. Co-requisites: PSY 419 required. Development of research skills in forensic and legal psychology, including conception, design and conduct of studies, analyzing, organizing and evaluating findings and community results. Three hours of lab per week.
Offered Infrequent

PSY 464. Introduction to Clinical Psychology. (3 Units)

Prerequisite: PSY 363. An overview of psychology in the clinical situation. The scope, ethics, theories, and methods of clinical psychology.
Offered Fall, Spring, All terms, Fall

PSY 470. Community Psychology: Issues and Practice. (3 Units)

Prerequisite: PSY 363. Introduction to issues and concepts in community psychology, including the study of community organization and intervention programs.
Offered Fall, All terms

PSY 480. Sport Psychology. (3 Units)

An in-depth analysis and application of psychological principles and research in motivation, psychophysiology, personality, cognition, and emotion in sport settings.
Offered Fall, Spring

PSY 481. Applied Sport & Fitness Psychology. (3 Units)

Scientific research results in the field of psychology are used to illustrate how participation in sports and physical activity can facilitate psychological development and physical well-being.
Offered Infrequent

PSY 482. Psychology of Coaching and Team-Building. (3 Units)

Group processes, team-building techniques, leadership skills and interpersonal communication skills will be applied to enhancement of team spots performance and individual well-being.
Offered Infrequent

PSY 483. Contemp Issues in Sports and Fitness Psychology. (3 Units)

Psychological theories will be applied to the identification and treatment of problems people who participate in sports may have as well as applied to the promotion of mental health.

Offered Infrequent

PSY 486. Internship in Sport and Fitness Psychology. (3 Units)

Supervised application of psychological principles applied to sports and fitness to promote performance and optimal well-being. There are four prerequisite courses (PSY 480, PSY 481, PSY 482, PSY 483) that must be completed before registering for PSY 486S, Internship in Sport and Fitness Psychology. One of the four prerequisite courses sometimes can be taken concurrently with PSY 486S. Also, please notify the instructor of PSY 486S one semester before intending to register for this course so she can approve an internship site and supervisor for you plus you will need this instructor's consent before registering for PSY 486S.

Offered Infrequent

PSY 490. Senior Seminar Psychology. (3 Units)

Prerequisites: PSY 230, PSY 235, and PSY 330 or PSY 331 and senior standing. A seminar designed to integrate previous work and experience by emphasizing the application of theoretical models and research designs and the relationship among theory, research, and the dissemination of research findings. Three hours of seminar per week.

Offered Fall, Spring, Summer

PSY 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. A reading program of selected topics conducted under the supervision of a faculty member. Repeatable course.

Offered Fall, Spring

PSY 495. Seminar Special Topics:. (3 Units)

Prerequisite: Consent of instructor. An intensive study of a psychological topic which commands the current focus of interest of both the faculty member and the students. If repeated, the course will count only once toward the major. Repeatable course. Three hours of seminar per week.

Offered Infrequent

PSY 496. Internship. (3-6 Units)

Prerequisites: PSY 396 or consent of instructor. May not be taken concurrently with any other fieldwork course. Survey of professional and ethical issues in the helping professions. Supervised internships in human services setting.

Offered Infrequent

PSY 497. Seminar in Peer Advising. (3 Units)

Prerequisite: Senior standing and completion of 15 units of Psychology. Training, supervision, and experience in peer advising. Emphasis on how to provide effective academic assistance and planning, with other helping and administrative skills also taught. Repeatable course. Three hours of seminar per week.

Offered Fall, Spring

PSY 498. Directed Research. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course.

Offered Fall, Spring

PSY 510. Career Development in Clinical and Counseling Psychology. (3 Units)

Examines career development theories and techniques in clinical and counseling psychology. Course content will explore decision-making models and interrelationships among and between work, family and other life roles and factors, including the role of multicultural issues in career development.

Offered All terms, Fall

PSY 512. Professional and Legal Issues in Clinical and Counseling Psychology. (3 Units)

This course covers ethical standards for clinical and counseling psychology. The course will cover ethical standards of professional organizations and credentialing and licensing entities. Also included will be partner abuse assessment, detection and intervention strategies, and child abuse detection and reporting.

Offered As needed

PSY 516. Perceptual Processes. (3 Units)

Offered Infrequent

PSY 517. Seminar in Physiological Psychology. (3 Units)

Prerequisites: PSY 230 or MAT 131; PSY 417 and PSY 418. An advanced study of the physiological correlates of psychological phenomena including learning, motivation, emotion, sleep and personality. Three hours of seminar per week.

Offered Infrequent

PSY 520. Seminar in Psychopharmacology. (3 Units)

Prerequisite: PSY 320 and PSY 417 are recommended. The role of drugs on cognition, emotion, and behavior, with reference to their biochemical actions. Emphasis will be placed on psychoactive drugs, such as psychiatric medications, recreational drugs and over-the-counter drugs.

Offered Fall

PSY 530. Advanced Analysis of Variance and Multivariate Techniques. (3 Units)

Prerequisites: PSY 330 or equivalent. PSY 235 is recommended.

Corequisite: PSY 535 is recommended. Advanced analysis of variance including multifactor randomized groups and repeated measures designs, nested designs, analysis of covariance, multiple regression, multiple discriminant function, factor analysis.

Offered Fall

PSY 535. Advanced Research Methods. (3 Units)

Prerequisites: PSY 230 or MAT 131; PSY 235; PSY 330 or equivalent is required; PSY 530 is recommended. Advanced research methodology; including experimental design, correlational and ex post facto studies: problems in research, e.g., generalization, significance, reliability; critique of research; and philosophy of science. Will include a directed research project.

Offered Fall

PSY 540. Seminar In Social Psych. (3 Units)**PSY 550. Seminar in Developmental Psychology. (3 Units)**

Prerequisites: PSY 230 or MAT 131; PSY 235; PSY 350 or equivalent. Exploration and discussion of recent theoretical and research literature on topics such as early experience, intelligence vs cognition, gerontology, imitation and social development, and research on adolescence. Three hours of seminar per week.

Offered Spring

PSY 551. Child and Adolescent Treatment: Theories and Practice. (3 Units)

Prerequisite(s): PSY 563 required. Co-requisite(s): PSY 550 recommended. An examination of major theories, research studies, and clinical interventions for working with children and adolescents. Highlighted throughout the course will be a focus on biopsychological and cultural factors that impact the mental health of children and adolescents.

Offered Spring

PSY 555. Psychology and Aging. (3 Units)

Examination of psychological aspects of the aging process, with special emphasis on applied issues in aging research. Topics include: biological aspects of aging, health context of aging, mental health and aging, culture and spirituality, and care giving issues.
Offered Fall

PSY 560. Seminar In Personality. (3 Units)

Offered Infrequent

PSY 563. Seminar in Psychopathology. (3 Units)

Prerequisite: PSY 363. Intensive analysis of theory and research in psychopathology. Various orientations, such as behavioral, psychophysiological, and existential will be explored. Three hours of seminar per week.
Offered Fall

PSY 564. Advanced Psychotherapy Techniques. (3 Units)

Prerequisite: PSY 464 or PSY 563. Course will include an indepth coverage of techniques from two or more psychotherapeutic approaches. These approaches include the psychodynamic, humanistic, cognitive, and behavioral approaches. Emphasis is on concrete application of these approaches in short term counseling situations.
Offered Spring

PSY 565. Psychology of Clinical Groups. (3 Units)

Exploration of different approaches to therapeutic intervention on a group level. Course will include an experiential laboratory component where students will have experience in leading groups using different theoretical orientations. Two hours of lecture and two hours of activity per week.
Offered Spring

PSY 566. Indv Intellectual Assess. (3 Units)

Prerequisite: PSY 331. Techniques for administering, analyzing, and interpreting individual intellectual tests (such as the Wechsler and the Stanford- Binet) and psychomotor tests. Intensive supervised practice in administering the tests will be provided. Two hours of lecture, two hours of activity and fieldwork by arrangement per week.
Offered Fall

PSY 567. Individual Assessment. (3 Units)

Prerequisites: PSY 563 and PSY 570. Study of techniques for administering, analyzing and interpreting personality tests and reporting test results. Supervised intensive practice in administering tests will be provided. Two hours of lecture with two hours of activity and fieldwork by arrangement per week.
Offered Spring

PSY 570. Community Psychology: Current Theory and Issues. (3 Units)

Prerequisite: PSY 363 or PSY 470. Theory of the interaction between individual functioning and social system variables with emphasis on the changing role of the community mental health specialist and the community psychologist.
Offered Fall

PSY 571. Practicum in Clinical-Community Psychology. (3 Units)

A case approach to issues in clinical community psychology coordinated with supervised experience. Some of the topics covered are diagnosis, interventions, ethics, laws, and cross-cultural counseling. Three hours of seminar plus supervised field work per week.
Offered Fall, Spring

PSY 572. Sem Industrial/Organ Psy. (3 Units)

Offered Infrequent

PSY 573. Crisis and Trauma: Theories and Interventions. (3 Units)

Prerequisite(s): PSY 563 required. Introduces students to crisis and trauma counseling and includes examining: crisis theory; multidisciplinary responses to crises, emergencies, and/or disasters; effects of trauma; assessment strategies and treatment approaches; and interventions for individuals with mental or emotional disorders.
Offered Spring

PSY 574. Practicum: Diversity Issues in Clinical and Health Psychology. (3 Units)

Examination of the impact of culture on mental health and on the therapeutic relationship. Race/ethnicity, culture, class, sexual/affective orientation, ability status, and gender issues will be explored.
Offered Fall

PSY 575. Theories of Health and Behavior. (3 Units)

Overview of the relationships among psychosocial factors, illness and health, based on research and theory from psychology, sociology, anthropology and biology. Topics include: stress, obesity and life-threatening illness.
Offered Spring

PSY 576. Seminar in Health Psychology Research. (3 Units)

Analysis and discussion of research in health psychology. Areas of research study will include: health promotion, coping mechanisms in chronic illness chronic pain, psychocardiology, immigrant and refugee health/psychosocial adjustment, and cultural issues in specific disease processes.
Offered Spring

PSY 580. Advanced Sport Psychology. (3 Units)

Prerequisites: Graduate standing and permission of instructor. Psychological principles and research in motivation, psychophysiology, personality, cognition, development, emotion and group behavior applied to sport settings.
Offered Fall

PSY 585. Neuropsychology. (3 Units)

Overview of neuroanatomy, neuropathology, and clinical and experimental data on brain-behavior relationships.
Offered Fall

PSY 586. Addictions Counseling. (3 Units)

Co-requisite(s): PSY 585 recommended. Students will examine substance abuse and addiction disorders in multiple client populations. Additionally, co-occurring disorders, the effects of substances and addictions, and best practices for counseling and treatment will be examined.
Offered Fall

PSY 592. Teaching Psychology. (3 Units)

Prerequisites: Graduate standing and permission of Graduate coordinator. Discussion of teaching/learning styles, educational issues, technological advances, teaching methods and materials, curriculum development, and evaluation of course, teacher and student. Repeatable course.
Offered Fall

PSY 595. Special Topics:. (3 Units)

Advanced course of special interest for psychology graduate students. Topic and content will vary as announced. Repeatable course. Three hours of seminar per week.
Offered Fall

PSY 596. Clinical Psychology Practicum. (3 Units)

Prerequisites: PSY 571 or PSY 574 is required; PSY 546 is recommended. Field placement and clinical training in the applied use of theory, working with individuals and families and documentation skills. Students must have completed 12 units of coursework before beginning practicum and site must be approved by the MA Psychology program. Repeatable for credit.

Offered Infrequent

PSY 597. Directed Reading. (1-3 Units)

Prerequisite: Classified graduate standing. Assignment of a reading list formulated under the supervision of the instructor. Repeatable course. Offered Fall, Spring

PSY 598. Directed Research. (1-3 Units)

Prerequisite: Classified graduate standing. Students will design and conduct research projects under the direct supervision of the instructor. Repeatable course.

Offered Fall, Spring

PSY 599. Thesis. (1-3 Units)

Prerequisite: Advancement to Candidacy. Thesis. Repeatable course. Offered Fall, Spring

PSY 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Psychology, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

No minor required. Students completing this major do not need to complete a minor in another field. However, Psychology majors are encouraged to use their general elective courses to take advantage of the Skill-Building Elective Clusters described above. This will further enhance their psychology-related skills.

Major Requirements (42 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|---|-------|
| Core Courses | | |
| PSY 101 | General Education Psychology: Understanding Human Behavior ¹ | 3 |
| PSY 230 | Elementary Statistical Analysis in Psychology ¹ | 3 |
| PSY 235 | Intro To Research Methods ¹ | 3 |
| Select one Quantitative Methods course from the following: ² | | 3 |
| PSY 330 | Intermediate Statistics and Research Design | |
| PSY 331 | Measurement In Psychology | |
| Upper Division Major Electives | | |
| Select one course from Groups 1 - 6: | | |
| Group 1: Biopsychology: | | 3 |
| PSY 240 | Biopsychology | |
| PSY 320 | Psychopharmacology | |
| PSY 324 | Sensation & Perception | |
| Group 2: Cognitive: | | 3 |
| PSY 312 | Theories Of Learning | |
| PSY 322 | Cognitive Psychology | |
| Group 3: Social Community: | | 3 |
| PSY 306 | Design Your Life | |
| PSY 340 | Social Psychology: Psychological Perspective | |
| PSY 371 | Forensic and Legal Psychology | |
| PSY 376 | Psychology Of Gender | |
| PSY 380 | Psychology of the Mexican American I | |
| PSY 383 | Black Psychology | |
| PSY 470 | Community Psychology: Issues and Practice | |
| Group 4: Developmental: | | 3 |
| PSY 350 | Child Psychology | |
| PSY 351 | Psychology of Adolescent Experience | |
| PSY 352 | Psychology of Adult Development and Aging | |
| PSY 382 | Psychological Development of the Black Child | |
| Group 5: Individual Abnormal: | | 3 |
| PSY 360 | Theories Of Personality | |
| PSY 363 | Abnormal Psychology | |
| PSY 368 | Human Sexuality | |
| PSY 370 | Health Psychology | |
| PSY 464 | Introduction to Clinical Psychology | |
| Group 6: Select one course from groups 1-5 or from the following: | | 3 |
| PSY 305 | History and Systems of Psychology | |
| PSY 314 | Behavior Modification | |
| PSY 342 | Interpersonal and Group Dynamics | |
| PSY 353 | The Experience of Death and Dying: Psychological Perspectives | |
| PSY 367 | Effective Communication Skills | |
| PSY 372 | Industrial and Organizational Psychology | |
| PSY 480 | Sport Psychology | |
| PSY 494 | Independent Study | |
| PSY 497 | Seminar in Peer Advising | |
| PSY 498 | Directed Research | |
| Group 7: Select one course from either Group 3, Group 4, or Group 5 | | 3 |
| Research Experience | | |
| Select one of the following: | | 6 |

| | |
|-------------------|--|
| PSY 411 & PSY 412 | Advanced Research Methods in Personality and Social Psychology and Research Seminar in Personality and Social Psychology |
| PSY 413 & PSY 414 | Advanced Research Methods in Learning and Evolutionary Psychology and Research Seminar in Learning and Evolutionary Psychology |
| PSY 415 & PSY 416 | Advanced Research Methods in Cognitive Psychology and Research Seminar in Cognitive Psychology |
| PSY 417 & PSY 418 | Advanced Research Methods in Biological Psychology and Research Seminar in Biological Psychology |
| PSY 419 & PSY 420 | Advanced Research Methods in Forensic and Legal Psychology and Research Seminar in Forensic and Legal Psychology |

Senior Seminar

| | | |
|---------|---------------------------|---|
| PSY 490 | Senior Seminar Psychology | 3 |
|---------|---------------------------|---|

Total Hours **42**

¹ Should be taken in the order listed prior to taking other courses in the major.

² Both courses listed in the Quantitative Methods section are recommended for students planning to pursue graduate Studies. PSY 230 Elementary Statistical Analysis in Psychology or MAT 131 Elementary Statistics and Probability is a prerequisite for both courses.

Program Learning Outcomes

Critical Understanding of Psychology

- The objective of Learning Outcome #1 is that psychology professors provide clear, up-to-date information and appropriate learning contexts so that psychology majors can describe, explain and apply knowledge in the following domains:
 - 1.1 Historical events of importance in psychology
 - 1.2 The major theories and schools of psychological thought
 - 1.3 Models of the person
 - 1.4 Basic descriptive and inferential statistics, written and oral skills, quantitative analysis, professional behavior
- The objective of Learning Outcome #2 is that psychology professors will provide opportunities to learn, and psychology majors will exhibit progress in attaining an understanding of and demonstrating the ability to do the following:
 - 2.1 Explain behavior using different psychological theories or models
 - 2.2 Use the basic terminology of the discipline
 - 2.3 Understand the general underlying logic of conducting research and have a beginning applied knowledge of how to do it. Scientific method, personal and professional ethics and values
- The objective of Learning Outcome #3 is that psychology professors will model, and thus psychology majors will (a) be exposed to the value and worth of, and (b) describe and apply the following:
 - 3.1 Scientific methods and reasoning
 - 3.2 Knowledge of individual differences and diversity, including but not limited to

- 3.2a self and others as people with a set of skills
- 3.2b the perspectives of others
- 3.2c studying the causes and effects of racism, sexism and other "isms"
- 3.3 Personal and professional ethics, including academic integrity and professional codes of behavior
- 3.4 Consideration of education and life itself to be a process of lifelong learning
- 3.5 Some of the skills of taking multiple perspectives and relativistic thinking, scientific method, personal and professional ethics and values

4- Year Roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| PSY 101 | General Education Psychology: Understanding Human Behavior | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| PSY 230 | Elementary Statistical Analysis in Psychology | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PSY 235 | Intro To Research Methods | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| PSY 240 | Biopsychology | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PSY 330 or PSY 331 | Intermediate Statistics and Research Design or Measurement In Psychology | 3 |
| Major Elective (select one from groups 1-7) | | 3 |
| Major Elective (select one from groups 1-7) | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |
| Spring | | |
| Major Elective (select one from groups 1-7) | | 3 |
| Major Elective (select one from groups 1-7) | | 3 |
| Major Elective (select one from groups 1-7) | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Fourth Year | | |
|---|---------------------------|------------|
| Fall | | |
| Research Experience Lecture | | 3 |
| Research Experience Seminar | | 3 |
| Major Elective (select one from groups 1-7) | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| PSY 490 | Senior Seminar Psychology | 3 |
| Major Elective (select one from groups 1-7) | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| First Year | | | Hours |
|---|---|-----------|-------|
| Fall | | | |
| PSY 330 | Intermediate Statistics and Research Design | 3 | |
| or PSY 331 | or Measurement In Psychology | | |
| Major Elective (select one from groups 1-7) | | 3 | |
| Major Elective (select one from groups 1-7) | | 3 | |
| GE Area C3 Integrative Studies in the Humanities | | 3 | |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 | |
| Hours | | 15 | |
| Spring | | | |
| Major Elective (select one from groups 1-7) | | 3 | |
| Major Elective (select one from groups 1-7) | | 3 | |
| Major Elective (select one from groups 1-7) | | 3 | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 | |
| Elective to meet 120 units | | 3 | |
| Hours | | 15 | |
| Second Year | | | |
| Fall | | | |
| Research Experience Lecture | | 3 | |
| Research Experience Seminar | | 3 | |
| Major Elective (select one from groups 1-7) | | 3 | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 | |
| Elective to meet 120 units | | 3 | |
| Hours | | 15 | |
| Spring | | | |
| PSY 490 | Senior Seminar Psychology | 3 | |
| Major Elective (select one from groups 1-7) | | 3 | |
| Elective to meet 120 units | | 3 | |
| Elective to meet 120 units | | 3 | |
| Elective to meet 120 units | | 3 | |
| Hours | | 15 | |
| Total Hours | | 60 | |

Psychology, Master of Arts

Master of Arts in Psychology

At CSUDH, we offer two tracks for our MA in Psychology – Clinical and Health. Both options provide students with a solid academic background by giving them an opportunity to complete advanced coursework and further develop their research skills by working closely with a faculty mentor on a research project or thesis. A wide variety of practicum sites are available for students to learn about direct service provision to clients, employees, and patients for students pursuing the clinical

psychology option. The MA in Psychology program is designed for students who want to strengthen their academic record in preparation for applying to doctoral programs. Others choose to begin careers in industry, mental health, community agency and education settings.

Clinical Psychology Option (MACP)

The Clinical Psychology option is designed to meet the professional needs of college graduates who plan careers in community mental health or who are already employed as paraprofessionals and desire to further their education and opportunities for advancement. The student is offered a unique opportunity to obtain solid academic knowledge of clinical psychology coupled with extensive research and supervised experience in the application of such knowledge. Students who are interested in pursuing licensure as a Licensed Professional Clinical Counselor (LPCC) may opt to take additional approved coursework beyond that required for the MA. Specific coursework and requirements will be provided by the Psychology Department and must be completed prior to graduating from the program.

In the Psychology M.A. (clinical) the student is required to complete 33 units of credit, plus 400 hours of supervised practicum in a clinical setting and/or supervised research and teaching in an academic setting. In addition, the student must successfully complete a written comprehensive examination or a thesis. Students seeking the LPCC are required to complete 63 units of specified coursework in our program and a minimum of 280 hours of face-to-face clinical work supervised by a licensed therapist. These 280 hours are included in the 400-practicum hour requirement not in addition to it.

Health Psychology Option (MAHP)

The Health Psychology Option will provide students with a solid academic background in health psychology. This specialized track is designed to meet the professional needs of college graduates who plan careers in community health and other health care settings such as rehabilitation centers, primary care centers and hospices. In addition, students enrolled in the Health Psychology Option will learn how to promote wellness in individuals and within organizations, and how to evaluate the effectiveness of prevention and treatment programs. The goal of a concentrated study in health psychology is to provide the student with an understanding of the relationships among biological, psychological, and social factors as they interact to influence mental and physical health. This goal is accomplished through an integrated program of coursework and research training. Students can earn up to 3 units of credit per semester for directed research (PSY 598) and thesis research (PSY 599). Our graduate students have been very successful securing funding for their graduate studies through several opportunities at California State University, Dominguez: Graduate Studies and Research travel fellowships, Graduate Equity Fellowship, and RA/TA fellowships. In the Psychology M.A. (Health Psychology track) the student is required to complete 36 units of credit. In addition, the student must successfully complete a thesis.

Admission Procedures

Admissions application deadline is **February 1st** at 11:59pm PST. **Any application after this deadline will not be considered.**

Prospective students should use the Cal State Apply application to apply to either the Clinical or Health Psychology option. Students must apply on or before February 1st to be considered for admission. Due to processing time, we strongly recommend that you complete your Cal State Apply application and submit official transcripts at least four weeks in advance of the department's February 1st application deadline.

Students will apply to and submit all materials via Cal State Apply: <https://www2.calstate.edu/apply/graduate> (<https://www2.calstate.edu/apply/graduate/>)

Below is a checklist of all the supplemental documents that you will need to upload and submit online.

All materials must be uploaded and submitted to Cal State Apply by February 1st

- Personal Statement
- CV/Resume
- Unofficial Transcripts of all institutions previously attended
- Unofficial Copy of Graduate Record Examination Scores (*check MA Program webpage (<https://www.csudh.edu/psychology/academic-programs/graduate/>) for GRE requirements for your application year*)
- One Writing Sample
- Three Letters of Recommendation
- All Official transcripts must be submitted to The Office of Admissions

Please refer to the Psychology MA Prospective Students webpage (<https://www.csudh.edu/psychology/academic-programs/graduate/prospective-students/>) for more details about the admission process, including an information packet, admission requirements (required courses, GPA, GRE... etc.), FAQ, and other helpful information.

Classified Standing and Conditionally Classified Standing

Only students who have met all requirements as noted under Admission Procedures - M.A. Programs for the Psychology Department (<https://www.csudh.edu/psychology/academic-programs/graduate/prospective-students/>) will be considered for admission into the M.A. in Psychology Program with Classified Standing.

Students who lack some of the admission requirements may be considered for admission into the program with Conditionally Classified Standing. This would allow them to enroll in the University to correct their deficiencies, and also permit them to take up to nine semester units of graduate coursework which could apply toward their degree if and when Classified Standing has been established. Please note that admission to Conditionally Classified Standing does not assure that a student will achieve Classified Standing in the program.

Requirements

Clinical Psychology Option (33 units)

Admission Requirements

1. A Bachelor's Degree from a fully accredited institution of higher education.
2. Graduate Record Examination (GRE) General Test (*check MA Program webpage (<https://www.csudh.edu/psychology/academic-programs/graduate/>) for GRE requirements for your application year*)
3. At least a "B" average in the last 60 semester units attempted
4. Successful completion of the following undergraduate courses or their equivalent, with at least a "B" average

| Code | Title | Hours |
|------------|---|-------|
| PSY 230 | Elementary Statistical Analysis in Psychology | 3 |
| PSY 235 | Intro To Research Methods | 3 |
| PSY 330 | Intermediate Statistics and Research Design | 3 |
| or PSY 331 | Measurement In Psychology | |

| | | |
|---------|-------------------------------------|---|
| PSY 360 | Theories Of Personality | 3 |
| PSY 363 | Abnormal Psychology | 3 |
| PSY 464 | Introduction to Clinical Psychology | 3 |

5. Special consideration concerning the waiving of some of the above requirements is possible (e.g., if the student has had extensive previous experience in the community or clinical area).

Degree Requirements

| Code | Title | Hours |
|--------------------------------|---|-------|
| PSY 535 | Advanced Research Methods | 3 |
| PSY 550 | Seminar in Developmental Psychology | 3 |
| PSY 563 | Seminar in Psychopathology | 3 |
| PSY 564 | Advanced Psychotherapy Techniques | 3 |
| PSY 565 | Psychology of Clinical Groups | 3 |
| PSY 567 | Individual Assessment | 3 |
| PSY 570 | Community Psychology: Current Theory and Issues | 3 |
| PSY 571 | Practicum in Clinical-Community Psychology | 3 |
| PSY 574 | Practicum: Diversity Issues in Clinical and Health Psychology | 3 |
| PSY 597 | Directed Reading | 3 |
| or PSY 599 | Thesis | |
| Select one from the following: | | 3 |
| PSY 510 | Career Development in Clinical and Counseling Psychology | |
| PSY 520 | Seminar in Psychopharmacology | |
| PSY 530 | Advanced Analysis of Variance and Multivariate Techniques | |
| PSY 555 | Psychology and Aging | |
| PSY 566 | Indv Intellectual Assess | |
| PSY 575 | Theories of Health and Behavior | |
| PSY 576 | Seminar in Health Psychology Research | |
| PSY 585 | Neuropsychology | |
| PSY 595 | Special Topics: | |
| PSY 596 | Clinical Psychology Practicum | |
| PSY 597 | Directed Reading | |
| PSY 598 | Directed Research | |

Total Hours 33

Additional program requirements include:

1. Comprehensive written examination or completion of a thesis. Students should register for PSY 597 Directed Reading (3 units) during the semester they plan to take the comprehensive examination. Students who choose to complete a thesis should register for PSY 599 Thesis in the semester they plan to defend.
2. A minimum of 400 hours of supervised practicum experience.
3. In addition to the major requirements, students must meet all university requirements for the master's degree indicated in the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)."

Health Psychology Option (36 units)

Admission Requirements

1. A Bachelor's Degree from a fully accredited institution of higher education.

2. **Graduate Record Examination (GRE) General Test** (*check MA Program webpage (<https://www.csudh.edu/psychology/academic-programs/graduate/>) for GRE requirements for your application year*)
3. **At least a "B" average in the last 60 semester units attempted**
4. **Successful completion of the following undergraduate courses or their equivalent, with at least a "B" average**

| Code | Title | Hours |
|------------|---|-------|
| PSY 230 | Elementary Statistical Analysis in Psychology | 3 |
| PSY 235 | Intro To Research Methods | 3 |
| PSY 330 | Intermediate Statistics and Research Design | 3 |
| or PSY 331 | Measurement In Psychology | |
| PSY 363 | Abnormal Psychology | 3 |

Select one of the following:

| | | |
|-------------------------------------|-------------------|--|
| PSY 370 | Health Psychology | |
| Coursework in biological psychology | | |

5. **Special consideration concerning the waiving of some of the above requirements is possible (e.g., if the student has had extensive previous experience in the health psychology area)**

Degree Requirements

| Code | Title | Hours |
|---------|---|-------|
| PSY 520 | Seminar in Psychopharmacology | 3 |
| PSY 530 | Advanced Analysis of Variance and Multivariate Techniques | 3 |
| PSY 535 | Advanced Research Methods | 3 |
| PSY 555 | Psychology and Aging | 3 |
| PSY 563 | Seminar in Psychopathology | 3 |
| PSY 570 | Community Psychology: Current Theory and Issues | 3 |
| PSY 574 | Practicum: Diversity Issues in Clinical and Health Psychology | 3 |
| PSY 575 | Theories of Health and Behavior | 3 |
| PSY 576 | Seminar in Health Psychology Research | 3 |
| PSY 585 | Neuropsychology | 3 |
| PSY 599 | Thesis | 3 |

Select one from the following:

| | | |
|---------|--|---|
| PSY 510 | Career Development in Clinical and Counseling Psychology | 3 |
| PSY 550 | Seminar in Developmental Psychology | 3 |
| PSY 564 | Advanced Psychotherapy Techniques | 3 |
| PSY 565 | Psychology of Clinical Groups | 3 |
| PSY 566 | Indv Intellectual Assess | 3 |
| PSY 567 | Individual Assessment | 3 |
| PSY 595 | Special Topics: | 3 |
| PSY 597 | Directed Reading | 3 |
| PSY 598 | Directed Research | 3 |

Total Hours 36

Additional program requirements include:

1. Students must write a thesis as the culminating experience for awarding the degree Master of Arts in Psychology (Health Psychology Option).
2. In addition to the major requirements, students must meet all university requirements for the master's degree indicated in the section of the catalog entitled "Graduate Degrees and

Postbaccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)."

Advancement to Candidacy

A student must be advanced to candidacy before taking the comprehensive examination or enrolling in PSY 599 Thesis. The requirements for advancement to candidacy are as follows:

1. Classified Standing in the Psychology M.A.
2. Completion of a minimum of 24 semester units of required courses.
3. Approved Program of Study.
4. A cumulative GPA of 3.0 in all courses taken as a graduate student.
5. No grade lower than a "C" in the degree program.

1. To apply psychological theories and principles (including the biopsychosocial approach) in the areas of lifespan development, health, psychopathology, psychological assessment, community psychology, and clinical psychology.
2. To use psychological research methods and statistical analyses to reach logical conclusions.
3. To apply ethical and legal principles to the practice of psychology.
4. To demonstrate appreciation of diversity among people and to structure teaching and psychotherapeutic as well as applied interventions to meet the educational, health needs, and mental health needs of diverse populations.
5. To display interpersonal skills and personal qualities (such as self-awareness, professional integrity, flexibility, compassion, and personal presence) important in the psychotherapeutic relationship.

Psychology, Minor Requirements

Select five upper division psychology courses, except the following:

| Code | Title | Hours |
|---------|---|-------|
| PSY 481 | Applied Sport & Fitness Psychology | 3 |
| PSY 482 | Psychology of Coaching and Team-Building | 3 |
| PSY 483 | Contemp Issues in Sports and Fitness Psychology | 3 |
| PSY 486 | Internship in Sport and Fitness Psychology | 3 |
| PSY 490 | Senior Seminar Psychology | 3 |
| PSY 497 | Seminar in Peer Advising | 3 |

Only one course may be selected from:

| Code | Title | Hours |
|---------|-------------------------|-------|
| PSY 396 | Practicum In Psychology | 3 |
| PSY 494 | Independent Study | 1-3 |
| PSY 496 | Internship ¹ | 3-6 |
| PSY 498 | Directed Research | 1-3 |

¹ A maximum of three units may apply to the minor.

PSY 235 Intro To Research Methods may be substituted for one upper division course.

Public Administration

College of Business Administration and Public Policy
Department of Public Administration

Features Undergraduate

The Bachelor of Science in Public Administration is designed to provide professional preparation for administrative or managerial positions in public service organizations. The degree program requires completion of a set of core courses common to all public administration students and a concentration.

The Bachelor of Science in Public Administration Degree is a single-field major, which means that students are not required to complete a minor for graduation.

The Minor in Public Administration is designed to provide a basic foundation in public management. The minor is especially appropriate for students who major in the Social and Behavioral Sciences. It is an attractive option to students with majors in fields that lead to public sector employment, like recreation or health science.

In addition to full-time faculty, the department has part-time faculty who are practicing public managers in their areas of specialization. Several of the full-time faculty also have lengthy careers as public managers.

To complement the traditional classroom instruction, the Department of Public Administration offers a number of activities that enhance the total educational experience of students. The department sponsors speakers and professional symposia. The faculty also sponsors the Pi Alpha Alpha, a renowned national honor society for outstanding Public Administration students.

Graduate

The Master of Public Administration (MPA) program is designed to provide quality professional education for persons entering or working in public service professions. The MPA program prepares students for careers as professional managers of public sector or nonprofit organizations, as well as for research, consulting, and teaching careers. The MPA curriculum provides a theoretical foundation for the practice of public management.

After meeting prerequisite requirements, students can finish all other program requirements in two and a half academic years if they complete two courses per semester and two summer courses (depending upon summer scheduled courses). The MPA program is accredited by the Network of Schools of Public Policy, Affairs and Administration (NASPAA), the professional association responsible for evaluating the quality of MPA degree programs. NASPAA is located at 1029 Vermont Ave., N.W., Ste. 1100, Washington, DC 20005-3517.

MPA Criminal Justice Policy and Administration Concentration

This program is designed to provide criminal justice agency professionals with coursework in policy-making, administration, and the managerial operations of the criminal justice system. The curriculum offers students who may be new to the field the insight and background needed to begin successful public sector careers, while preparing experienced professionals to assume positions that demand additional responsibility.

MPA Health Care Policy and Administration Concentration

This program is designed to provide a quality graduate professional education for individuals entering or currently employed in health services agencies. It prepares graduates for careers in health services administration, planning, policy, evaluation, consulting, and related careers.

MPA Nonprofit Management Concentration

Nonprofit Management concentration was developed to meet the needs of the growing nonprofit arena. This concentration offers students a program that addresses the social, political, and economic landscape of the sector, its origin, size, composition, and its role in American Society and elsewhere. The coursework will review the size, scope, and dimensions of the U.S. nonprofit sector and examine theories of the sector and its conceptual underpinnings in some depth along with historical and religious foundations. This concentration also looks at such issues as why people organize, give financial support, and donate time. The concentration examines key aspects of the fundraising process for nonprofit organizations, major theoretical foundations, and general fundraising principles as well as a variety of marketing and fundraising techniques, sources of donations, and aspects of managing the fundraising process. The concentration combines applied and conceptual readings and provides students with opportunities to apply concepts and techniques through a series of service-learning portfolio assignments in collaboration with area nonprofit organizations.

MPA Public Management Concentration

The Public Management concentration is designed to provide the Master of Public Administration program with an emphasis in the structure, functioning, and skill competencies required for contemporary managers in the public and nonprofit sectors. This concentration offers our students a program that addresses the social, political, and economic landscape of the public sector, and its history and role in American Society. This concentration provides a broad examination of theoretical perspectives, the environmental context, and management functions that can be used to analyze organizations and to improve organizational effectiveness. The concentration combines applied and conceptual readings and provides students with opportunities to apply concepts and techniques to issues experienced in various workplace settings.

Academic and Professional Advisement Undergraduate

Candidates for the Bachelor of Science (B.S.) degree receive academic advisement for designing and completing their program of study. Specialized professional advisement can be obtained from the CBAPP Student Success Center. Undergraduate students seeking professional advisement should contact department faculty, who are available to discuss career options and current policy issues in professions within the areas of Public Administration and Public Policy.

Graduate

Candidates for the Master of Public Administration (MPA) degree receive academic advisement through the College's Graduate Business and Public Administration Advising Office. Students seeking academic advisement should contact the MPA Advising Office at (310) 243-3646, or mpafacultyadvisor@csudh.edu.

Preparation Undergraduate

High school students should take college preparatory courses in the social and natural sciences, English and mathematics. Students taking their first two years of study at a community college are advised to complete lower division general education requirements.

Graduation with Honors for Undergraduate Students

An undergraduate student may be a candidate for graduation with Honors in Public Administration by meeting the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of 3.5 in all courses used to satisfy the upper division requirements in the major.

Career Possibilities Undergraduate

The job opportunities for students in public administration include employment in the public, non-profit, and private sector professions, as well as in federal, state, and local agencies in the field of public administration and related public services. Students may be employed in fields such as law enforcement, human services, education and transportation. The degree also prepares students for graduate and professional education in public administration, public policy and law.

Graduate

The Master of Public Administration (MPA) degree provides students with the educational background and professional competencies needed to secure upper level administrative/managerial positions in a variety of public sector and nonprofit organizations, or in firms with close ties to governments such as utilities or defense contractors.

The majority of MPA students at CSU, Dominguez Hills are already employed by public agencies when they begin their graduate education and use their Master's degrees for professional advancement within their organizations. Other students with little or no work experience, or those with no managerial experience, use the MPA degree to obtain entry-level administrative or management positions. Students also use the MPA degree as preparation for doctoral study, law school, and careers in teaching and research.

Undergraduate Programs Bachelor

- Public Administration, Bachelor of Science (p. 790)

Minor

- Criminal Justice Administration, Minor (p. 790)
- Public Administration, Minor (p. 797)

Graduate Programs

Master

- Public Administration, Master of Public Administration (p. 797)

Faculty

Elena Kulikov, Department Chair

Hugo Asencio, Qiyuan Roger Jin, Elena Kulikov, Hui Li, Fynnwin Prager, Saahir Shafi, Rui Sun, Zheng Yang

Emeriti Faculty

Mary Auth, Iris Baxter, Justine Bell, Gary Colboth, David J. Karber, Ira Schoenwald

Academic Advisement and Student Services

The CBAPP Student Success Center provides undergraduate student support regarding major advisement, registration issues, petitions, add/drop, and change of major/minor, etc.

Office: II 1100

Phone: (310) 243-3548

Email: cbappundergrad@csudh.edu

Website: <https://www.csudh.edu/cbapp/student-services/student-support/>

Department Office

Faculty Office hours are posted online. Additional support is available regarding faculty office hours, contacting faculty, and classroom changes, etc.

Phone: (310) 243-3548

Website: <https://www.csudh.edu/cbapp/faculty-support> (<https://www.csudh.edu/cbapp/faculty-support/>)

Master of Public Administration Program

Betty Vu, Assistant Dean, Graduate and Professional Programs

Office: II 3500, (310) 243-3646. Email: mpafacultyadvisor@csudh.edu

Courses

PUB 195. Special Topics in Public Administration. (3 Units)

This course provides an overview of special topics the field of public administration, which is concerned with the study of the implementation of public policies and the management of public organizations. Topic and content will vary as announced
Offered As needed

PUB 300. Foundations of Public Administration. (3 Units)

Analysis of the role of public administration within the American political system and of the concordant functions and responsibilities of public sector administrators; discussion of administrative ethics; overview of public sector administrative and managerial processes.
Offered Fall, Spring, Summer, All terms

PUB 301. Administrative Leadership and Behavior. (3 Units)

Study of human behavior in organizational settings; examination of how managerial/supervisory functions impact employee morale and productivity and overall organizational effectiveness. Primary areas of analysis include motivation, leadership, interpersonal and group dynamics, communication, and organizational power.
Offered Fall, Spring, Summer

PUB 302. Public Financial Administration. (3 Units)

Administrative and political considerations of fiscal policy, the budgetary process and fiscal controls, financial management and planning, government and the economy, intergovernmental fiscal relations and nature of grants-in-aid, alternate revenue sources, contemporary issues.
Offered Fall, Spring

PUB 303. Public Personnel Administration. (3 Units)

Study of policies, methods, and techniques in Public Personnel Administration; government personnel systems; manpower management; values in public career systems; concepts of man and work; motivation and morale; training; labor-management relations; contemporary issues. Offered Fall, Spring

PUB 304. Administration of Public Policy. (3 Units)

Policy decisions and their implementation and evaluation, relationship of the branches of government and characteristics of bureaucracy. Offered Fall, Spring, Summer

PUB 305. Applied Statistics in Public Administration. (3 Units)

Prerequisite: MAT 131. Role and application of statistical analysis in public management; review of mathematics and statistical functions; use of statistics in planning and decision-making functions; introduction to the uses and application of computer technology. Offered Fall, Spring, All terms

PUB 306. Research Methods in Public Administration. (3 Units)

Introduction to research methods in social science and their application in public administration, including formulating research questions, reviewing literature, designing data collection processes, describing sample and population, conducting statistical analysis and writing research papers. Offered All terms

PUB 307. Public Sector Ethics. (3 Units)

Introduction to government ethics, providing opportunities to develop ethical competence for careers in government and serves as a foundation for further study of government ethics. Offered All terms

PUB 314. Compensation, Staffing, and Appraisal. (3 Units)

Prerequisite: PUB 303 or MGT 313. Review of concepts, approaches and techniques used to develop compensation programs in public organizations. Emphasis will be upon practices, legal requirements and guidelines for these specialized areas of personnel management. Offered Fall, Spring, Summer

PUB 315. Labor-Management Relations in Government. (3 Units)

Developments in public employee unionization, collective bargaining laws and strategies, bargaining as a technical and political process, strikes and impasse machineries, employee organizations and public policy, administrative implication of public service unionism. Offered Fall, Spring

PUB 324. Analytic Decision-Making. (3 Units)

Analytic and quantitative approaches to planning, evaluation, and decision-making; rational decision-making process as analytic framework for comparing alternative public policies and actions; public sector applications of selected quantitative methods, such as forecasting and cost-benefit analysis. Offered Fall, Spring

PUB 329. Local Government Administration. (3 Units)

Introduction to the history, theory and practice of U.S. local government administration, including the changing structure, forms, and functions of local governments; the dynamics of intergovernmental, intersectoral, and interpersonal relationships; the tools and strategies that contribute to effective local government management and solution of problems. Offered All terms

PUB 330. Urban Administration. (3 Units)

Structures and processes of administrative agencies in the urban setting, interagency relationships, administration of urban public services, functions and problems of the urban public executive. Offered Fall, Spring

PUB 371. Introduction to Health Services Administration. (3 Units)

Basic administrative practices; concepts and theory of administration; role and responsibilities of management in planning, organizing, directing and controlling a health services program; examination of current policy issues; study of public policy formulation process; politics as a force of change. Offered Fall, Spring

PUB 373. Health Policy. (3 Units)

Examination of current issues, trends, and problems in health care, including public policy on the national, state and local community levels. Emphasis will be given to the changing nature of medical care delivery, the policy formation process, professional dominance, and new developments in organizational forms. Offered Fall

PUB 401. Economics for Public Service. (3 Units)

Introduction to the economics concepts for those interested in a career in public service. This course explores the economic principles behind societal problems and offers insights into how to solve them; how markets and prices allocate scarce resources to achieve efficiency and prosperity; discuss how markets can fail, and what the public can do to intervene and solve these market failures to improve social welfare. Offered All terms

PUB 426. Intergovernmental Relations and Grant-Writing. (3 Units)

Analysis of financial and administrative relationships between different levels of government and between the public, non-profit, and private sectors. Discussion of developments in grants-in-aid, grantmanship strategies, grants management, resource development and evaluation. Application of knowledge through a grant proposal writing project. Offered Spring

PUB 434. Administrative Planning. (3 Units)

A review of the techniques of administrative planning to include normative forecasting, planning and policy formation. The future environment of government services to include demands and resources will be explored within the framework of systems analysis and policy sciences. Offered Fall, Spring

PUB 450. Nonprofit & Voluntary Sector. (3 Units)

Provides broad overview of the sector, its origin, size, composition, and role in American Society and elsewhere. This course also reviews theories of the sector and its conceptual underpinnings (i.e., its philosophical, political, economic, and social basis in American society) in some depth along with historical and religious foundations. We will also look at such issues as why people organize, give financial support and donate time. Offered Fall, Spring

PUB 451. Managing the Nonprofit Organization. (3 Units)

Prerequisite: PUB 450 (recommended). This course aims to understand the important role of nonprofit organizations in American society and the growing impact of non-governmental agencies around the world. It addresses the opportunities for and challenges to organizational effectiveness and is designed to reflect the interests and needs of nonprofit staff, board members, volunteers, and those who are seeking to make an impact with their financial contributions. Offered Fall

PUB 452. Fundraising & Fund Development. (3 Units)

Prerequisites: PUB 450; PUB 451 (recommended). This course examines key aspects of the fundraising process for nonprofit organizations- major theoretical foundations and general fundraising principles as well as a variety of fundraising techniques, sources of donations, and aspects of managing the fundraising process. The course combines applied and conceptual readings and provides students with opportunities to apply concepts and techniques through a series of service-learning portfolio assignments in collaboration with area nonprofit organizations.

Offered Infrequent

PUB 490. Senior Seminar in Public Administration. (3 Units)

Prerequisite: Senior status. Integrative course emphasizing application of administrative concepts and principles through use of case study analyses and simulation. Based upon student interest, course may be structured to address specific concentration areas. Three hours of seminar per week.

Offered Fall, Spring

PUB 494. Independent Study. (1-3 Units)

Prerequisite: Consent of department chair. Independent investigation of a research problem or directed readings in a selected area of public administration. CR/NC grading.

Offered Fall, Spring, Summer

PUB 495. Special Topics. (1-3 Units)

Prerequisite: Consent of instructor. An intensive study of an issue, concept or administrative technique that is of interest to both students and faculty of public administration.

Offered Fall, Spring

PUB 496. Internship Practicum. (3 Units)

Prerequisite: Consent of department chair. Supervised internship in a public agency. A written project related to the internship experience is required. CR/NC grading.

Offered Fall, Spring

PUB 498. Directed Research in Pub Admin. (1-3 Units)

Prerequisite: Consent of instructor. The student develops and completes an individual study under faculty supervision. Repeatable course

Offered Infrequent

PUB 500. Environment and Practice of Public Administration. (3 Units)

History and development of the field of public administration, and the context of operations and the functions of management. The practice of management will focus on the political environment, management theory, planning, organizational structure, resources, decision-making and policy analysis.

Offered Fall, Spring

PUB 501. Public Management. (3 Units)

Structural overview of the functioning and skill requirements for contemporary managers in public and nonprofit sectors; examination of the basic management functions from a comparative perspective; emphasis on communication and critical thinking through action-based approaches.

Offered Fall, Spring

PUB 502. Administrative Theory and Behavior. (3 Units)

Prerequisites: PUB 500 and PUB 501 are recommended. Historical overview of Organizational Theory and Public Administrative Theory and analysis of the theoretical perspectives that have characterized these fields; discussion of various theories, concepts, and models that can be used to analyze organizations and to improve organizational effectiveness.

Offered Fall, Spring

PUB 503. Introduction to Research Methods in Public Administration. (3 Units)

Introduction to empirical research design in the social sciences, and public administration in particular. Students will learn to assess the use of both qualitative and quantitative research in social sciences and discuss the epistemological principles that underlie different approaches to research.

Offered All terms

PUB 504. Quantitative Methods in Public Administration I. (3 Units)

The first course in a two-course sequence on quantitative methodology in Public Administration (the subsequent course is PUB 505). The goal of this two-course sequence is to explore a variety of statistical methods that are useful for managerial planning, decision-making, and public policy analysis.

Offered Fall, Spring

PUB 505. Quantitative Analysis in Public Administration II. (3 Units)

Required Prerequisite: PUB 504. This is the second course in a two-course sequence on quantitative methodology in Public Administration (the previous course is PUB 504). The goal of this two-course sequence is to explore a variety of statistical methods that are useful for managerial planning, decision-making, and public policy analysis.

Offered Fall, Spring, Summer

PUB 506. Administration and Public Policy Analysis. (3 Units)

Prerequisite: PUB 505. Application of analytical tools to the solution of public management problems, introduction to general models of policy analysis, integration of solutions into administrative processes in government; policy studies cases.

Offered Fall, Spring

PUB 508. Public Human Resources Management. (3 Units)

Managing the human resources of a public agency with emphasis on selected activities of recruiting, staffing, evaluating, compensating, motivating and training the work force. Procedures and legal requirements for collective bargaining, affirmative action, and equal opportunity will be explored. Three hours of seminar per week.

Offered Fall, Spring

PUB 510. Public Budgeting. (3 Units)

Examination of methods, processes and problems in the budgeting and administration of public revenues, revenue generation, forecasting, cost control; emphasis on the political, economic and managerial aspects of public budgeting.

Offered Fall, Spring

PUB 512. Foundations of Ethical Administration. (3 Units)

Examination of the foundations of ethical administration, including evaluation and application of ethical theories to public sector issues. Course provides opportunities for students to think reflectively, recognize ethical problems, and gain skills to effectively deal with political and administrative problems.

Offered Fall, Spring

PUB 520. Leadership in the Public Sector. (3 Units)

Prerequisites: PUB 501 and PUB 502 are required. Overview of the theoretical and practical foundations of leadership in the public sector. Emphasizes the knowledge and skills needed to effectively lead within public and nonprofit organizations.

Offered Fall, Spring

PUB 522. Financial Management in the Public Sector. (3 Units)

Prerequisite: PUB 510. Course offers survey of financial management functions in state and local government such as accounting, fund structures, debt and cash management, and financial reporting. Course provides a theoretical and practical introductions to financial analysis and management in the public sector.

Offered All terms

PUB 524. Strategic Management and Planning in Public and Non-Profit Organizations. (3 Units)

Course aims to prepare current and future managers of public and/or non-profit organizations by focusing in the knowledge, skills, values, and perspectives needed to manage organizations strategically. The course provides an introduction to the theory and application of strategic planning and management in the public and non-profit sectors.

Offered All terms

PUB 526. Collab Governance. (3 Units)

Course examines theoretical foundations and practical models of collaborative management in local government. Students will collect and review relevant literature fro inter-government relations, public management, and public/private partnerships, and apply findings to a policy issue in local government.

Offered All terms

PUB 527. Fundamentals of Qualitative Research. (3 Units)

Prerequisite: PUB 500 is required. Introductory course on the most important concepts and methods of qualitative research. Involves reading and discussion of presentations and examples of qualitative research and a qualitative research project.

Offered Spring

PUB 528. Economics for Public Managers. (3 Units)

This course aims to demystify economics for managers in the public and nonprofit sectors. This course will provide you with the economic principles to better analyze and understand problems facing public managers. You will learn why markets can be so successful in allocating scarce resources and achieving efficient market and social welfare outcomes. You will learn how individuals, firms and government, as producers, consumers, and regulators, interact at the microeconomic level, and why macroeconomic concepts such as inflation, unemployment, economic growth, interest rates, and are important to understand. You will also learn how governments can intervene to solve market failures and hence improve social welfare.

Offered All terms

PUB 570. Administration of Health Care Organizations. (3 Units)

This course will examine issues associated with health care management responsibilities, functions and leadership. This course will analyze the administrative process, accountability, equity, ethics, and diversity issues in health care administration.

Offered Fall, Spring

PUB 572. Legal Issues in Health Care Administration. (3 Units)

This course defines the foundation, scope, and boundaries of health care policy with an emphasis on public health care systems and the Patient Protection and Affordable Care Act. Students will explore the differences between local, state, and federal health policy levels.

Offered Fall, Spring

PUB 574. Health Care Financial Management. (3 Units)

This course provides a comprehensive overview of the financial structure, market forces, and techniques in health care financial management. The courses is intended for students without a background in financial management.

Offered Fall, Spring

PUB 580. Nonprofit Leadership and Management. (3 Units)

Prerequisites: PUB 500 and PUB 501 are recommended. Provides an overview of the nonprofit sector and addresses leadership and management issues. Emphasizes the context, institutional setting of the sector and nonprofit governance, leadership, ethics, marketing, strategic communications, advocacy, lobbying, program evaluation and human resource management.

Offered Fall, Spring

PUB 582. Public and Nonprofit Financial Management. (3 Units)

Prerequisite: PUB 510 is required. Examines financial management functions in government and nonprofit organizations, such as financial planning, accounting, cost control, fund structures, debt and cash management, financial reporting, and financial trend monitoring.

Offered Fall, Spring

PUB 584. Fundraising and Development for Nonprofit Organizations. (3 Units)

Prerequisites: PUB 500 and PUB 502 are required. Examines key aspects of the fundraising process, techniques and management, such as sources of donations, planning, development, fund goal-setting, major gifts, capital campaigns, trustee participation, and managing the fundraising process.

Offered Fall, Spring

PUB 592. Capstone: Integrative Seminar in Public Administration. (3 Units)

Prerequisite: Completion of MPA Core courses. Integrative course that emphasizes the interrelationships between the academic field of public administration and administrative practice. Course includes case study analysis and individual and group integrative projects. Three hours of seminar per week.

Offered Fall, Spring

PUB 594. Independent Study. (1-3 Units)

Prerequisite: Consent of MPA Program coordinator. Independent investigation of a research problem or directed readings in a selected area of public administration. CR/NC grading. Repeatable course.

Offered Fall, Spring

PUB 595. Special Topics In Public Administration. (3 Units)

Prerequisite: Consent of MPA Program coordinator. Intensive study of a specialized area of Public Administration (e.g., Urban Administration, Criminal Justice Administration) or a selected topic in contemporary public management. Three hours of seminar per week. Repeatable course.

Offered Fall, Spring

PUB 596. Internship Practicum. (3 Units)

Prerequisite: Consent of MPA program coordinator. Supervised internship working with a cooperating government agency in a function germane to public administration. Sessions are held to discuss and analyze the problems with which interns are concerned. A written project related to the internship is required. CR/NC grading.

Offered Fall, Spring

PUB 599. Honors Thesis. (3 Units)

Prerequisites: Grade point average greater than 3.80 and consent of MPA program coordinator. Thesis relating to public administration. CR/NC grading.

Offered Fall, Spring

PUB 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of the MPA coordinator required.

Offered Fall, Spring

Criminal Justice Administration, Minor

Requirements

| Code | Title | Hours |
|--|---|-----------|
| Required Courses | | |
| CJA 340 | Crim Justice & Community | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| Electives | | |
| Select three courses from the following with the assistance of an advisor: | | 9 |
| CJA 344 | Theories of Crime and Criminal Justice Policy | |
| CJA 423 | Administrative Law | |
| CJA 443 | Criminal Law & Justice Admin | |
| CJA 444 | Juvenile Justice Process | |
| CJA 445 | Policing & Admin. of Justice | |
| CJA 446 | Terrorism & Extremism | |
| CJA 447 | Corrections Administration and Policy | |
| CJA 448 | Forensic Science | |
| CJA 449 | Investigative Interviewing, Interrogation and Lie Detection | |
| CJA 450 | Eyewitness Evidence and the Law | |
| CJA 451 | Intelligence and National Security | |
| CJA 452 | Homeland Security | |
| CJA 460 | Gender, Race and the Administration of Justice | |
| Total Hours | | 15 |

Public Administration, Bachelor of Science

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (48 units)

Students must select one of the concentrations listed. The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

Note: The Administration Management concentration is being phased out. Continuing students and students admitted in fall 2020 may elect to change to the new program: B.S. Public Administration: Public Management. Please consult the program coordinator/advisor for additional information."

Common Core Requirements (36 units)

| Code | Title | Hours |
|--|---|--------------|
| Lower Division Required Courses | | |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Select one of the following: | | 3-4 |
| MAT 105 | Finite Mathematics | |
| MAT 131 | Elementary Statistics and Probability | |
| MAT 132 | Statistics and Probability with Support | |
| Upper Division Required Courses | | |
| Select one of the following options: | | 3 |
| Option 1 | | |
| BUS 300 | Business Communications ¹ | |
| Option 2 | | |
| BUS 301 | Employment Communications ¹ | |
| BUS 302 | Written Communications ¹ | |
| BUS 303 | Oral Communication ¹ | |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| PUB 302 | Public Financial Administration | 3 |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| PUB 305 | Applied Statistics in Public Administration | 3 |
| or CJA 341 | Statistics in Criminal Justice Administration | |
| PUB 306 | Research Methods in Public Administration | 3 |
| or CJA 339 | Research Methods and Communication in Criminal Justice Administration | |
| PUB 307 | Public Sector Ethics | 3 |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Total Hours | | 36-37 |

¹ BUS 301 Employment Communications, BUS 302 Written Communications, and BUS 303 Oral Communication are accepted instead of BUS 300 Business Communications.

Concentrations

Each student must select one of the concentrations listed below:

Public Management Concentration (12 units)

| Code | Title | Hours |
|------------------------------|---|-----------|
| PUB 324 | Analytic Decision-Making | 3 |
| PUB 329 | Local Government Administration | 3 |
| Select two of the following: | | 6 |
| PUB 401 | Economics for Public Service | |
| PUB 426 | Intergovernmental Relations and Grant-Writing | |
| PUB 434 | Administrative Planning | |
| Total Hours | | 12 |

Criminal Justice Administration Concentration (12 units)

| Code | Title | Hours |
|--|---|-----------|
| PUB 324 | Analytic Decision-Making | 3 |
| CJA 340 | Crim Justice & Community | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| Select one CJA 300-level or CJA 400-level course | | 3 |
| Total Hours | | 12 |

Health Services Administration Concentration (12 units)

| Code | Title | Hours |
|--------------------|--|-----------|
| PUB 324 | Analytic Decision-Making | 3 |
| PUB 371 | Introduction to Health Services Administration | 3 |
| PUB 373 | Health Policy | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing | 3 |
| Total Hours | | 12 |

Nonprofit Management Concentration (12)

| Code | Title | Hours |
|--------------------|---|-----------|
| PUB 324 | Analytic Decision-Making | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing | 3 |
| PUB 450 | Nonprofit & Voluntary Sector | 3 |
| PUB 451 | Managing the Nonprofit Organization | 3 |
| Total Hours | | 12 |

Public Financial Management Concentration (12 units) - *Admission is currently suspended for this concentration.*

| Code | Title | Hours |
|---|---|-------|
| ACC 230 | Financial Accounting | 3 |
| ACC 231 | Managerial Accounting | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing | 3 |
| Select one additional course from the following | | 3 |
| ACC 431 | Govt & Nonprofit Acctg | |
| ECO 327 | Public Finance | |
| PUB 324 | Analytic Decision-Making | |
| PUB 434 | Administrative Planning | |

Public Personnel Administration Concentration (12 units) - *Admission is currently suspended for this concentration.*

| Code | Title | Hours |
|---|--|-------|
| PUB 314 | Compensation, Staffing, and Appraisal | 3 |
| PUB 315 | Labor-Management Relations in Government | 3 |
| Select two additional courses from the following: | | 6 |
| CJA 423 | Administrative Law | |

| | |
|---------|--|
| NCR 541 | Restorative Justice&PeacBldng |
| PUB 324 | Analytic Decision-Making |
| PUB 330 | Urban Administration |
| PUB 371 | Introduction to Health Services Administration |
| PUB 434 | Administrative Planning |
| SOC 315 | Sociology Of Work |

- To lead and manage in public governance.
- Evaluate the environment and operation of public administration in the policy making process
- Demonstrate critical thinking and analytical skills in public policy making
- Demonstrate comprehension of public service ethics
- Integrate current information technologies to examine public administration or policy issues
- Explain diversity in public administration and apply this knowledge in a multicultural and global environment

Administrative Management Concentration

4- Year roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 105 | Finite Mathematics | 3 |
| or MAT 131 | or Elementary Statistics and Probability | |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| Concentration Course | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| Concentration Course | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

| | | |
|---|---|------------|
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 or PUB 300 | Writing and Speaking Skills for Management or Foundations of Public Administration | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| Concentration Course | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 or BUS 300 | Writing and Speaking Skills for Management or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |

| | |
|----------------------------|-----------|
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 60 |

Criminal Justice Administration Concentration

4- Year roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 105 or MAT 131 | Finite Mathematics or Elementary Statistics and Probability | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| CJA 340 | Crim Justice & Community | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 or BUS 300 | Writing and Speaking Skills for Management or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |

| | |
|---|------------|
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| CJA 423 Administrative Law | 3 |
| Elective to meet 120 units | 3 |
| Major Elective | 3 |
| Hours | 15 |
| Spring | |
| PUB 490 Senior Seminar in Public Administration | 3 |
| Concentration Course | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 2 |
| Hours | 14 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| CJA 342 | Legal and Ethical Foundations of Justice in Criminal Justice Administration | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 | Writing and Speaking Skills for Management or BUS 300 or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PUB 305 | Applied Statistics in Public Administration or CJA 341 or Statistics in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| CJA 423 | Administrative Law | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Health Services Administration Concentration 4- Year roadmap

| Course | Title | Hours |
|--------------------------|-------|-------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |

| | | |
|--|---|------------|
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 105 | Finite Mathematics or MAT 131 or Elementary Statistics and Probability | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| PUB 371 | Introduction to Health Services Administration | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| PUB 373 | Health Policy | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 | Writing and Speaking Skills for Management or BUS 300 or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| PUB 305 | Applied Statistics in Public Administration or CJA 341 or Statistics in Criminal Justice Administration | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| PUB 373 | Health Policy | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 or BUS 300 | Writing and Speaking Skills for Management or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Nonprofit Management Concentration**4- Year Roadmap**

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 105 or MAT 131 | Finite Mathematics (satisfies GE Area B4) or Elementary Statistics and Probability | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |

| | | |
|---|---|------------|
| GE Area C or D | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| PUB 302 | Public Financial Administration | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| PUB 324 | Analytic Decision-Making (Nonprofit Management Concentration Course) | 3 |
| BUS 300 (3units) or BUS 301 (1unit) and BUS 302 (1unit) and BUS 303 (1unit) | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| PUB 306 or CJA 339 | Research Methods in Public Administration or Research Methods and Communication in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| PUB 450 | Nonprofit & Voluntary Sector (Nonprofit Management Concentration Course) | 3 |
| PUB 307 | Public Sector Ethics | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| PUB 451 | Managing the Nonprofit Organization (Nonprofit Management Concentration Course) | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing (Nonprofit Management Concentration Course) | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| PUB 302 | Public Financial Administration | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |

| | | |
|---|--|-----------|
| PUB 324 | Analytic Decision-Making ((Nonprofit Management Concentration Course)) | 3 |
| BUS 300 (3units) or BUS 301 (1unit) and BUS 302 (1unit) and BUS 303 (1unit) | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| PUB 306 or CJA 339 | Research Methods in Public Administration or Research Methods and Communication in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| PUB 450 | Nonprofit & Voluntary Sector ((Nonprofit Management Concentration Course)) | 3 |
| PUB 307 | Public Sector Ethics | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| PUB 451 | Managing the Nonprofit Organization | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Public Financial Management Concentration

4- Year roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 105 or MAT 131 | Finite Mathematics or Elementary Statistics and Probability | 3 |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| ACC 230 | Financial Accounting | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| ACC 231 | Managerial Accounting | 3 |
| PUB 300 | Foundations of Public Administration | 3 |

| | | |
|---|--|------------|
| PUB 301 | Administrative Leadership and Behavior | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 or BUS 300 | Writing and Speaking Skills for Management or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| PUB 426 | Intergovernmental Relations and Grant-Writing | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 303 | Public Personnel Administration | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 or BUS 300 | Writing and Speaking Skills for Management or Business Communications | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PUB 305 or CJA 341 | Applied Statistics in Public Administration or Statistics in Criminal Justice Administration | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |

| | |
|---|-----------|
| Major Elective | 3 |
| Hours | 15 |
| Spring | |
| PUB 490 Senior Seminar in Public Administration | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 60 |

Public Personal Administration Concentration

4- Year roadmap

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| MAT 105 | Finite Mathematics | 3 |
| or MAT 131 | or Elementary Statistics and Probability | |
| POL 101 | American Institutions | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| CIS 270 | Info Sys/Tech Fundamentals | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 301 | Administrative Leadership and Behavior | 3 |
| PUB 303 | Public Personnel Administration | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| PUB 315 | Labor-Management Relations in Government | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 314 | Compensation, Staffing, and Appraisal | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 | Writing and Speaking Skills for Management | 3 |
| or BUS 300 | or Business Communications | |

| | | |
|---|--|---|
| Elective to meet 120 units | 3 | |
| GE Area B5 Integrative Studies in Natural Sciences | 3 | |
| Hours | 15 | |
| Fourth Year | | |
| Fall | | |
| PUB 305 | Applied Statistics in Public Administration | 3 |
| or CJA 341 | or Statistics in Criminal Justice Administration | |
| GE Area D3 Integrative Studies in the Social Sciences | 3 | |
| Concentration Course | 3 | |
| Elective to meet 120 units | 3 | |
| Major Elective | 3 | |
| Hours | 15 | |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | 3 | |
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 2 | |
| Hours | 14 | |
| Total Hours | 120 | |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| PUB 302 | Public Financial Administration | 3 |
| PUB 315 | Labor-Management Relations in Government | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| GWAR satisfying course | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 314 | Compensation, Staffing, and Appraisal | 3 |
| PUB 304 | Administration of Public Policy | 3 |
| ENG 352 | Writing and Speaking Skills for Management | 3 |
| or BUS 300 | or Business Communications | |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| PUB 305 | Applied Statistics in Public Administration | 3 |
| or CJA 341 | or Statistics in Criminal Justice Administration | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Major Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| PUB 490 | Senior Seminar in Public Administration | 3 |
| Concentration Course | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Public Administration, Master of

Public Administration

Degree Requirements

Core Curriculum (33 units)

Core courses are designed to give a thorough background in each of the major areas of Public Administration.

| Code | Title | Hours |
|--------------------|---|-----------|
| PUB 500 | Environment and Practice of Public Administration | 3 |
| PUB 501 | Public Management | 3 |
| PUB 502 | Administrative Theory and Behavior | 3 |
| PUB 503 | Introduction to Research Methods in Public Administration | 3 |
| PUB 504 | Quantitative Methods in Public Administration I | 3 |
| PUB 505 | Quantitative Analysis in Public Administration II | 3 |
| PUB 506 | Administration and Public Policy Analysis | 3 |
| PUB 508 | Public Human Resources Management | 3 |
| PUB 510 | Public Budgeting | 3 |
| PUB 512 | Foundations of Ethical Administration | 3 |
| PUB 592 | Capstone: Integrative Seminar in Public Administration | 3 |
| or PUB 599 | Honors Thesis | |
| Total Hours | | 33 |

Concentration Area (9 units)

Each student must select one concentration area from the following (9 units)

Criminal Justice Policy and Administration Concentration

| Code | Title | Hours |
|--------------------------------|---|----------|
| CJA 563 | Administrative Law, Policy and Analysis | 3 |
| CJA 565 | Issues in Police Administration and Ethics | 3 |
| Select one from the following: | | 3 |
| CJA 566 | Issues in Homeland Security and Terrorism | |
| CJA 540 | Adv. Criminal Justice Issues | |
| CJA 595 | Special Topics in Criminal Justice Administration | |
| CJA 596 | Internship Practicum | |
| Total Hours | | 9 |

The NASPAA five universal required competencies are defined as follows:

- To lead and manage in public governance: Examine the theory and practice of the discipline of public administration; Assess the role of environmental context in leading and managing public organizations (including political, legal, economic and social factors); Develop competencies and skills to effectively and ethically lead and manage in public organizations; and Evaluate different reform strategies aimed at effective management in the public sector.
- To participate in and contribute to the public policy process: Explain the public policy processes; Evaluate the roles of public administrators in the public policy processes; Integrate theoretical and applied knowledge in public policy analysis and/or program evaluation; and Use data to conduct public policy analysis and/or program evaluation, and provide recommendations to policy makers and public managers.

- To analyze, synthesize, think critically, solve problems and make decisions: Utilize critical thinking to construct and deconstruct arguments; Synthesize applied social science research; Conduct applied social science research using qualitative and/or quantitative analytical tools to assess the validity of research hypotheses and generate meaning and understanding; and Integrate information to facilitate recommendations, decision making, and problem solving for administrative and policy processes.
- To articulate and apply a public service perspective: Apply the normative frameworks to make ethical decisions in the public sector; Practice democratic values that contribute to effective public service and responsible citizenship; Value and demonstrate commitment to social equity and justice; and Demonstrate professionalism and respect for citizens.
- To communicate and interact productively with a diverse and changing workforce and citizenry: Examine multicultural and global work environments; Utilize various communication and information technology tools and strategies (e.g., written reports, PowerPoint, Excel, SPSS, emails, and internet) to manage [sic] public organizations; Collaborate with stakeholders of diverse age, cultural, educational, professional backgrounds, and interests to reach consensus; and Analyze workforce-related issues and policies and articulate appropriate courses of action.

Public Administration, Minor Requirements

| Code | Title | Hours |
|--|--------------------------------------|-----------|
| PUB 300 | Foundations of Public Administration | 3 |
| PUB 303 | Public Personnel Administration | 3 |
| Complete three additional courses in Public Administration, to be chosen with the assistance of an advisor | | 9 |
| Total Hours | | 15 |

Quality Assurance

College of Natural and Behavioral Sciences

Program Description

Quality Assurance is an interdisciplinary profession practiced by management personnel who are responsible for planning and assuring the quality of products and services. The career opportunities in this rapidly growing field are excellent. Quality professionals are members of management teams where their specialized skills promote organizational excellence, reduce wastes, and improve existing processes. The traditional applications of Quality as related to product performance have evolved to most every industry, such as healthcare, finance, hospitality, and non-profits.

The online Master of Science in Quality Assurance (MSQA) degree program is designed to prepare professionals in quality, engineering, science, management, health care, government and service industries for career advancement. Topics covered include Total Quality Management (TQM), Six Sigma, ISO 9000, reliability, benchmarking, process improvement, quality control, human factors in quality assurance, measurement and testing techniques, quality project management, productivity, quality function management, and customer satisfaction.

The degree programs are supported by local members of the ASQ- Global Voice of Quality Organization.

Features

Undergraduate

The B.S. in Quality Assurance (BSQA) and the B.S. in Quality Assurance with Measurement Sciences option incorporate an interdisciplinary approach that blends the basic sciences, technologies, management principles, quality concepts and statistics. Skills and knowledge in these areas are obtained in the context of a well-rounded learning experience consistent with the University's mission and the needs of industry. The coursework develops problem-solving skills with a customer-focus. An ability to implement continuous improvement of processes, products, and services is a key goal of the Quality professional. For students interested in technical areas of Quality and metrics, an option in Measurement Sciences is offered.

Online and on-site versions of the degree are designed to serve working adults in related quality fields who wish to complete a four year degree. The online and on-site BSQA programs are designed primarily as upper division transfer programs for students who have completed the majority of their lower division general education courses. On-campus attendance is not required to complete requirements in the online BSQA and BSQA Measurement Science programs.

Graduate

The Master of Science in Quality Assurance (MSQA) is designed to prepare professionals in quality, engineering, science, and/or management for career advancement. Quality professionals are members of management teams where their specialized skills promote organizational excellence, reduce wastes, and improve existing processes. The traditional applications of Quality as related to product performance have evolved to most every industry, such as healthcare, finance, hospitality, and non-profits. The curriculum is designed to meet the needs and interests of the working professional.

The program of study provides theoretical knowledge and analytical techniques, as well as management and communication skills that will enable the student to function in an active, decision-making capacity in the implementation of policies and practices. A unique feature of the MSQA program is that it gives students the ability to customize their program of study to include their areas of interest. During the course of the program students will acquire knowledge and skills in the following areas: managing a Quality organization; planning and implementing a Quality program; troubleshooting and solving quality problems; incorporating quality concepts and human factors techniques in the design of manufacturing operations; performing vendor surveys and assessing vendor quality; developing and analyzing statistical process control charts; developing and analyzing acceptance sampling plans; design of experiments; design and engineering of reliable products and processes; performing process capability studies; performing quality cost analyses; understanding and working with human behavior in the organization; performing reliability, maintainability, and safety systems reviews; performing quality system audits; and performing statistical studies and analyzing statistical reports. Options for a concentration in traditional manufacturing-focused Quality concepts, as well as applications specific to Healthcare and Service Industries are available.

Online and on-site versions of the degree are available to serve working adults. The degree program is supported by local chapters of the ASQ- Global Voice of Quality Organization.

Academic Advisement

For general questions about admission or degree requirements for the Quality Assurance programs, students and perspective applicants may contact Student Support Coordinator, Karla Martinez.

For academic advisement, students can contact the MSQA Advising Consultant, Dr. Milton Krivokuca.

Preparation

The Master of Science in Quality Assurance (MSQA) is designed to prepare professionals in quality, engineering, science, management, health care, government and service industries for career advancement

In order to help manage and lead today's organizations toward the objective of "total quality," an interdisciplinary approach is taken to blend study in management, quality concepts, and statistical tools. The curriculum is designed to meet the needs and interests of the working professional. Relevant theoretical and practical course work, independent study, interaction with fellow students and leading learning experience.

A unique feature of the MSQA program is the opportunity students have to customize their program of study to include areas of personal and professional interest.

Participating in the MSQA course work will help prepare professional to take the examinations leading to the Certified Quality Auditor (CQA), Certified Quality Engineer (CQE), Certified Quality Manager (CQM), and Certified Reliability Engineer (CRE) certifications.

Admission Requirements

To be admitted to the MAster of Science in Quality Assurance program, applicant must meet the following requirements:

1. Meet all CSU Dominguez Hills graduate admission requirement;
2. A baccalaureate degree from a four-year accredited institution is required. An undergraduate major in engineering or science is preferred (please see note below);
3. A grade point average of at least 2.50 in the last 60-semester units of upper division coursework attempted;
4. Good standing at the last institution attended; and
5. Meet all other university admission requirements.

The baccalaureate degree should have included the following:

- 6 semester units of Calculus (integral and differential)
- 3 semester units of Chemistry (genera)
- 3 semester units of Physics
- 6 semester units of Mathematical Statistics & Theories of Probability (upper division)
- 3 semester units of Principles of Computer Technology

Note: Individuals from other undergraduate disciplines who demonstrate exceptional promise may be admitted to the program, pending completion of additional undergraduate prerequisites coursework or other demonstrations of competence as determined by the Quality Assurance Academic Program Committee. All special admissions are subject to approval by the Quality Assurance Academic Program Committee.

Undergraduate Programs

Bachelor

- Quality Assurance, Bachelor of Science (p. 802)

Graduate Programs

Master

- Quality Assurance, Master of Science (p. 803)

Faculty

Lynda Willson, Interim Program Coordinator

Program Office: EE 1300, (310) 243-3880

Courses

QAS 200. Fundamentals of Quality. (3 Units)

A study of the fundamentals of Quality with an emphasis on the current international standards, planning, organizations, methods and tools.

Emphasizes the works of leading international Quality theorists, especially Juran and Deming.

Offered Fall, Spring, Summer

QAS 220. Fundamentals of Measurement Science. (3 Units)

Prerequisites: MAT 131. Introductory overview of the fundamentals of measurement with emphasis on application of measurement science concepts to quality management. Upper Division

Offered Fall, Spring, Summer

QAS 312. Interpretation of Technical Documentation. (3 Units)

Prerequisites: MAT 153, QAS 200, QAS 220. Interpretation of basic engineering drawing concepts, including all related common symbolism and formatting. Emphasis on dimensions, tolerances, and configuration management. Introduction to Military and Federal Specifications/ Handbooks, ANSI, IEC, and ISO documents, specifications and recommended practices issued by private organizations.

Offered Spring

QAS 325. Technical Communications. (4 Units)

Prerequisites: ENG 110, THE 120. Technical communications, written and oral, and how they differ from non-technical writing and speech. Emphasizes methods for the positive and unambiguous transfer of technical ideas so that they can be clearly understood by the reader or listener.

Offered Summer

QAS 330. Statistical Quality Control and Inspection. (3 Units)

Prerequisites: MAT 131, QAS 200, QAS 220. Introduction to the application of statistical methodologies to the analysis and solution of quality and management problems (including probability concepts, control charts, and sampling). Focus will be on application of these tools to the inspection process.

Offered Fall

QAS 331. The Manufacturing Process. (3 Units)

Prerequisites: QAS 312. Introduction to the fundamentals of manufacturing, where the conversion of raw materials and sub-assemblies into more useful entities adds value to the converted materials in the most efficient manner, using the least amount of time, money, space and manpower.

Offered Fall

QAS 332. Electrical Metrology. (3 Units)

Prerequisites: MAT 131, PHY 122, QAS 200, QAS 220. Electrical measurement concepts, circuits and devices; applications to DC and AC measurements. Theory of coupled circuits in magnetic and capacitive environments, and electrical laboratory practices, with analysis, construction, and troubleshooting of circuits. Documentary control procedures for calibrations and other measurements.

Offered Spring

QAS 335. Quality Auditing. (3 Units)

Prerequisites: QAS 200. The fundamental principles for preparing and planning, conducting, reporting and closing quality audits. Quality audit tools and techniques are introduced, with an emphasis on generally-accepted quality audit practices that support business performance.

Offered Fall

QAS 340. Measurement Uncertainty. (3 Units)

Prerequisites: MAT 131, MAT 153, QAS 200, QAS 220. Theoretical versus actual measurements. Probability and statistical concepts to define accuracy, precision, error, uncertainty, and bias. Differences between measurement accuracy and measurement error; random and systematic error; uncertainty interval; tolerance limits; accuracy ratio; relative errors; and propagation of measurement errors.

Offered Spring

QAS 347. Dimensional Metrology. (3 Units)

Prerequisites: PHY 122, QAS 200, QAS 220. Measurement of length, angularity, relative position, flatness, parallelism, concentricity, squareness, and threads. Lasers and optical tooling in large-scale measurements; also gauges, comparators, and measurement machines. Measurement uncertainties pertinent to dimensional metrology; sources of error; the effect of the measurement environment.

Offered Infrequent

QAS 350. Physical Metrology. (3 Units)

Prerequisites: PHY 122, QAS 200, QAS 220. Theoretical and practical applications of measurement principles as applied to various physical properties. Measurement of pressure, mass, force, torque, temperature, humidity, flow, and rotational motion. Identifying sources of error, techniques to minimize errors and maintaining measurement traceability.

Offered Infrequent

QAS 355. Safety and Reliability. (3 Units)

Prerequisites: MAT 131, MAT 153, QAS 200, QAS 220. Reliability, maintainability, and safety technology with practical industrial applications. Basic models; metrics; testing; methods of implementing improvements; accelerated life testing. Failure mechanisms for chemical, electro-chemical, electronics, electro-mechanical and opto-electronics systems. Introduction to software reliability. Focus on qualification for ISO 9000.

Offered Spring

QAS 360. Fundamentals of Lean Manufacturing. (3 Units)

Prerequisites: QAS 200, QAS 220. Deals with the strategies and practices of lean production, as well as assess with areas of waste, interrelationships among the various components of a system, theories of leadership and management of people, and process variation.

Offered Spring

QAS 395. Selected Topics in Quality Assurance. (1-4 Units)

Prerequisite: Consent of Instructor. An intensive study of an issue, concept, or theory in Quality Assurance that is of special interest to both the faculty member and the student. Repeatable course.

Offered As needed

QAS 427. Quality Improvement. (3 Units)

Prerequisites: QAS 200, QAS 220. Quality factors involving customer satisfaction, demonstrating that meeting quality needs requires and active role by all the major sectors of an organization. Operational and statistical techniques most often used to monitor, control, and improve the quality of products or services.

Offered Fall

QAS 445. Systems Failure Analysis. (3 Units)

Prerequisites: QAS 200 and QAS 220. Integrates Quality, Manufacturing and Procurement efforts to identify and eliminate the root causes of failures in systems, sub-systems and components, emphasizing fault tree and Pareto analyses. Hardware and statistical analysis, design of experiments, and technical data package evaluations.

Offered Fall

QAS 450. Value Based Quality. (3 Units)

Prerequisites: QAS 200, QAS 220 and consent of instructor. Used value received, as perceived by the customer, as the primary measure of quality in the development of cohesive enterprise-wide quality management systems. A systemic approach to establishing the correct things to do and a measurement -based process for implementation.

Offered Spring

QAS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor. Independent study of a particular problem under the direction of a member of the Quality Assurance Department. Repeatable course.

Offered Infrequent

QAS 495. Selected Topics in Quality Assurance. (1-4 Units)

Prerequisites: Consent of instructor. An intensive study of an issue, concept, or theory in Quality Assurance that is of special interest to both the faculty member and the students. Repeatable course. Three hours of lecture per week.

Offered Fall, Spring

QAS 496. Internship in Quality Assurance. (3 Units)

Prerequisites: Completion of all 300 level courses in the major. Assignment in an off-campus internship with a cooperating organization, to be selected in consultation with the program coordinator. Emphasis on the role of professionalism and ethics in the life of the quality professional.

Offered Infrequent

QAS 498. Directed Research in Q.A.. (3 Units)

Prerequisites: Completion of all 300 level courses in the major. Directed research on one or more topics to be selected in consultation with the program coordinator. Emphasis on the role of professionalism and ethics in the life of the Quality professional.

Offered Fall, Spring

QAS 499. Senior Project. (3 Units)

Prerequisites: QAS 496 or QAS 498. A capstone project focusing on the role of leadership in relation to professionalism and ethical standards in the field of Quality Assurance. Graduate

Offered Fall, Spring

QAS 510. Advanced Probability and Statistics. (3 Units)

Prerequisites: undergraduate calculus, Probability and statistics. A study of measures of central tendency and dispersion, important discrete and continuous probability distributions, sampling theory, hypothesis testing and estimation. Linear regression and correlation will also be covered. The uses of statistics in testing, inspection, and production will be identified.

Offered Fall, Spring

QAS 511. Quality Function Management and TQM. (3 Units)

A study of the functions and responsibilities of the quality organization. TQM concepts, quality function deployment, and the tools for continuous improvement are analyzed for sequence of use and development.

Offered Fall, Spring, Summer, All terms

QAS 512. Reliability. (3 Units)

Prerequisite: QAS 510. Overview of reliability engineering. Use of mathematical models of predictions, confidence assessment, and systems reliability. Emphasis on practical applications for product or system design.

Offered Fall

QAS 513. Statistical Quality Control and Sampling. (3 Units)

Prerequisite: QAS 510. The application of advanced statistical methodologies to the analysis and solution of quality and management problems, including probability theory, control charts, sampling, regression analysis and the design of experiments. Focus on statistical process control and related quality technologies.

Offered Fall, Spring, Summer

QAS 514. Advanced Experimental Design. (3 Units)

Prerequisite: QAS 510. Analysis of statistical experimental design strategies. Planning of experiments for the best strategy and objectives.

Offered Fall, Spring, Summer

QAS 515. Human Factors in Quality Assurance. (3 Units)

A comprehensive survey of human factors engineering theory, research and applications which are of particular relevance to quality assurance. A systems framework will be utilized, emphasizing feedback and interrelations among system components, including the human operator. Emphasis will be placed on operator constraints in the design of work processes, workplaces and instrumentation.

Offered Fall, Spring, Summer

QAS 516. Measurement and Testing Techniques. (3 Units)

Prerequisite: QAS 510 or consent of instructor. In-depth discussion of equipment, principles and techniques of measurement assurance.

Offered Fall, Spring, Summer

QAS 518. Quality Project Management and Productivity. (3 Units)

An in-depth examination of current theory and techniques in QA project management. Topics include description of project management techniques as well as procedures for evaluating their overall effectiveness and contributions to production and service quality.

Offered Fall, Spring, Summer, All terms

QAS 521. Process Control and Capability. (3 Units)

Prerequisites: QAS 513 and QAS 514. Detailed study of procedures and methods for performing machine and process capability studies, troubleshooting production and test problems, and maintaining continuous production and process evaluation in manufacturing operations.

Offered Infrequent

QAS 522. Applied Systems Reliability, Maintainability and Safety. (3 Units)

Prerequisite: QAS 512. Advanced and detailed analysis of appropriate reliability models, life-cycle reliability prediction and assessment, accelerated test models and techniques, test parameter variation studies, test tailoring and program plans for various reliability test types, maintainability concepts, prediction and assessment techniques, and safety programs.

Offered Infrequent

QAS 523. Software Reliability. (3 Units)

A study of the theory and applications of reliability concepts as they relate to software design and implementation.

Offered Fall

QAS 525. ISO 9000 & The Audit Function. (3 Units)

Prerequisite: QAS 511 is recommended. A study of the ISO 9000 series of quality system standards with emphasis on manufacturing and service industry applications. The studies address the standards interpretation, documentation and implementation including preparation for and creation of internal and external audits.

Offered Fall

QAS 526. Supplier Quality Assurance. (3 Units)

Prerequisite: QAS 511. Encompasses a study of the fundamental quality requirements attendant to the successful procurement and delivery of end item products or services. It includes the basic supplier issues of specifications, site inspection, selection, rating, certification, and related quality audits.

Offered Spring

QAS 527. Quality Measurement. (3 Units)

Prerequisite: QAS 511. Study of Quality Metrics and their application throughout the life cycle of a product or service in a business entity. The study includes Quality Standards, Customer Satisfaction, Quality Tools, Continuous Improvement, Cost of Quality, Supplier and System auditing.

Offered Summer

QAS 530. Statistical Quality Control (SQC) for Service Professionals. (3 Units)

Techniques for applying Statistical Quality Control (SQC) in controlling processes and delivering customer services. Examines methods for establishing and maintaining SPC, QC auditing and sampling and continuous improvement in various service industries.

Offered Fall, Spring

QAS 531. Customer Satisfaction and Quality Assurance. (3 Units)

In-depth study of current methods for obtaining customer satisfaction. Examines techniques of determining customer needs and development of customer service strategy Quality Control criteria.

Offered Fall, Spring

QAS 532. Quality Assurance of the Service Delivery Process. (3 Units)

Analyze processes used to deliver service and methods used to assure satisfaction. Examines the relationship of Strategic Quality Planning, the Delivery process, and the usage of TQC and Quality Assurance to achieve strategic goals.

Offered Fall, Spring

QAS 534. Change Management. (3 Units)

Prerequisite: QAS 511 is recommended. In depth analysis of current theory, empirical research and best practices related to effective implementation of Quality improvement methodologies that result in desired organizational change, both cultural and operational.

Offered Summer

QAS 535. Lean Manufacturing. (3 Units)

Prerequisite: QAS 511 is recommended. In depth study of the theory and practices of lean production. Covers waste minimization, interrelationships among various components of a system, theories of leadership and management, and process variability reduction.

Offered Spring

QAS 536. Six Sigma Principles and Applications. (3 Units)

Prerequisite: QAS 510 OR QAS 511 are required. QAS 511 is recommended. In depth study of the application of the six sigma process; covers content of the methodology areas of Define Measure, Analyze, Improve and Control (DMAIC) including team concepts, project management, advanced statistical process control and techniques, and measurement systems analysis.

Offered Summer

QAS 537. Quality Function Deployment: Understanding Customer Requirements. (3 Units)

Prerequisite: QAS 511 is recommended. In depth study of the theory and application of the quality management process, Quality Function Deployment, for designing customer requirements into products and services. Course will evaluate the tools of QFD and study their application in analysis of customer requirements.

Offered Summer

QAS 538. Evaluation and Outcome Analysis for Healthcare Delivery. (3 Units)

Examines operational and statistical techniques used to monitor, control, and improve the quality of services provided by healthcare. Considers the tools of Quality and their direct application to practical situations and healthcare processes.

Offered Spring

QAS 539. Good Manufacturing Practices. (3 Units)

Prerequisite: QAS 511 is recommended. Current Good Manufacturing Practice regulations to assure quality of medical devices and pharmaceutical products. Covers development, manufacturing, Quality management and organizational requirements of medical devices. Pharmaceutical regulations include personnel, facilities and equipment, process and product controls, laboratory and reporting.

Offered Spring

QAS 540. Food and Drug Law. (3 Units)

Prerequisite: QAS 511 is recommended. This course is designed to provide a practical interpretation of the food and drug laws and interpretations for professionals who are providing products or services in industries regulated by the Federal Food & Drug Administration.

Offered Spring

QAS 541. Biomedical Quality Control Methods. (3 Units)

In depth study of quality control discipline as applied to medical device, pharmaceutical and/or biologics regulated environments. Topics include influencing discipline and applying models; methods that monitor, maintain and/or improve product or service quality; and operational efficiency.

Offered Fall

QAS 542. Risk Management in FDA Regulated Industries. (3 Units)

Prerequisite: QAS 511 is recommended. Risk Management as applied to FDA-regulated and other industries (product and process-related); emphasizes application of risk management tools, plan and program from inception of product and process including manufacturing process and field experience of the product, process or service.

Offered Spring

QAS 543. Identification and Mitigation of Suspect and Counterfeit Items. (3 Units)

Prerequisite: QAS 511 is required. Designed to distinguish the characteristics of suspect/counterfeit items (S/CI) and how to mitigate and prevent their occurrences through the development of corrective and preventative action plans into common quality management systems by applying quality tools and methodologies.

Offered Summer

QAS 544. Digital Transforming Quality 4.0 with Industry 4.0. (3 Units)

Prerequisite: QAS 511 is required. Examines contemporary process-related issues and assesses how to develop a digital organizational self-assessment through the application of quality tools and methodologies that contribute to continuous improvement and organizational excellence as appropriate in Industry 4.0.

Offered Fall

QAS 545. Laboratory Conformity Assessment. (3 Units)

Prerequisite: QAS 511 is required. Evaluates the various systems for laboratory accreditation and certification in compliance with industry and government regulatory requirements to assure safe and reliable products and services are provided for both industry and consumers through assessment and appraisal techniques.

Offered Fall

QAS 546. Case Studies in Quality. (3 Units)

Prerequisite: Completion of 18 units in MSQA program. Provides students an opportunity to apply their MSQA acquired skills to encourage and enhance dialogue, reinforce comprehension, bridge the gap between theory and practice, develop analytical and critical thinking skills, and to solve practical industry-related problems.

Offered Fall, Spring

QAS 553. Lean Accounting & Financial Analysis. (3 Units)

Focus on the application of Lean Six Sigma concepts and techniques to help in the problem-solving challenges that confront today's quality professionals. Builds a strong foundation for the quality professional in any sector.

Offered Fall, Spring

QAS 591. Credit for Prior Learning: Quality Auditing. (3 Units)

The Certified Quality Auditor (CQA) is a professional certification from the American Society of Quality (ASQ). Students holding this certification satisfy the elective course QAS 525. The ASQ CQA must be current when entered into the student transcripts.

Offered As needed

QAS 592. Credit for Prior Learning (CPL) Quality Measurement. (3 Units)

The Certified Manager of Quality-Organizational Excellence (CMQ-OE) is a professional certification from the American Society of Quality. Students holding this certification satisfy the elective course QAS 527. The ASQ CMQ-OE must be current when entered into the student transcript.

Offered As needed

QAS 593. Credit for Prior Learning (CPL) Six Sigma Principles and Applications. (3 Units)

The Certified Six Sigma Black Belt (CSSBB) is a professional certification from the American Society of Quality (ASQ). Students holding this certification satisfy the elective course QAS 536. The ASQ CSSBB must be current when entered into the student transcript.

Offered As needed

QAS 594. Ind Study In Assurance Science. (1-4 Units)

Prerequisites: Instructor and program Coordinator approval; QAS 510, QAS 511 and a minimum of five QAS courses recommended. Independent research or special project to be conducted in consultation with an instructor.

Offered Infrequent

QAS 595. Special Topics by Directed Study: Quality Assurance Applications. (3 Units)

A course of study designed cooperatively by student and instructor, and approved by the Program Coordinator, in which students apply quality assurance theory and principles to a particular occupational setting relevant to their professional interests and aspirations. Repeatable course. Three hours of lecture per week.

Offered Infrequent

QAS 598. Directed Research. (3 Units)

Prerequisites: Completion of 18 units toward degree and GWAR. Directed reading and research, designed cooperatively by student and instructor and approved by the program coordinator, emphasizing application of Quality Assurance theory and principles to a particular occupational setting.

Offered Fall, Spring, Summer

QAS 599. Project. (3 Units)

Prerequisites: Completion of all other coursework in the degree program.

The goal of all students enrolled in this culminating experience course is to complete a project under the guidance of an assigned instructor. It is the culminating learning experience of the program, and includes a significant written report. To meet the standards established by the faculty, the project must demonstrate a rigorous scientific approach to the quality profession.

Offered Fall, Spring

QAS 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who may have other requirements remaining for completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program director required.

Offered Fall, Spring, Summer

Quality Assurance, Bachelor of Science

The Quality Assurance program is currently not accepting students into the Bachelor of Science in Quality Assurance (BSQA). For more information, please contact the Quality Assurance program office.

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

The Quality Assurance program is currently not accepting students into the Bachelor of Science in Quality Assurance (BSQA). For more information, please contact the Quality Assurance program office.

Minor Requirements

Single field major, no minor required.

Major Requirements (66 units)

Degree Requirements (66 units)

| Code | Title | Hours |
|------------------------------------|--|-----------|
| Lower Division Requirements | | |
| BIO 102 | General Biology | 3 |
| CHE 108 | Introduction to College Chemistry | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| PHY 120 | Elements Of Physics I | 4 |
| PHY 122 | Elements Of Physics II | 4 |
| QAS 200 | Fundamentals of Quality | 3 |
| QAS 220 | Fundamentals of Measurement Science | 3 |
| Upper Division Requirements | | |
| QAS 312 | Interpretation of Technical Documentation | 3 |
| QAS 325 | Technical Communications | 4 |
| QAS 330 | Statistical Quality Control and Inspection | 3 |
| QAS 331 | The Manufacturing Process | 3 |
| QAS 335 | Quality Auditing | 3 |
| QAS 355 | Safety and Reliability | 3 |
| QAS 360 | Fundamentals of Lean Manufacturing | 3 |
| QAS 427 | Quality Improvement | 3 |
| QAS 445 | Systems Failure Analysis | 3 |
| QAS 450 | Value Based Quality | 3 |
| QAS 496 | Internship in Quality Assurance | 3 |
| or QAS 498 | Directed Research in Q.A. | |
| QAS 499 | Senior Project | 3 |
| Total Hours | | 66 |

Measurement Science Option (66 units)

| Code | Title | Hours |
|------------------------------------|--|-------|
| Lower Division Requirements | | |
| BIO 102 | General Biology | 3 |
| CHE 108 | Introduction to College Chemistry | 5 |
| MAT 131 | Elementary Statistics and Probability | 3 |
| MAT 153 | Pre-Calculus with Trigonometry with Lab | 4 |
| PHY 120 | Elements Of Physics I | 4 |
| PHY 122 | Elements Of Physics II | 4 |
| QAS 200 | Fundamentals of Quality | 3 |
| QAS 220 | Fundamentals of Measurement Science | 3 |
| Upper Division Requirements | | |
| QAS 312 | Interpretation of Technical Documentation | 3 |
| QAS 325 | Technical Communications | 4 |
| QAS 330 | Statistical Quality Control and Inspection | 3 |
| QAS 332 | Electrical Metrology | 3 |
| QAS 340 | Measurement Uncertainty | 3 |
| QAS 347 | Dimensional Metrology | 3 |
| QAS 350 | Physical Metrology | 3 |

| | | |
|--------------------|---------------------------------|-----------|
| QAS 427 | Quality Improvement | 3 |
| QAS 445 | Systems Failure Analysis | 3 |
| QAS 450 | Value Based Quality | 3 |
| QAS 496 | Internship in Quality Assurance | 3 |
| or QAS 498 | Directed Research in Q.A. | |
| QAS 499 | Senior Project | 3 |
| Total Hours | | 66 |

Quality Assurance, Master of Science Requirements

Admission Requirements

- To be admitted into the Master of Science in Quality Assurance Program, students must meet the following requirements:
- Meet all CSU Dominguez Hills graduate admission requirements.
- A baccalaureate degree from a four-year accredited institution is required. An undergraduate major in engineering or science is preferred. Please see the note below.
- A grade point average of at least 2.75 in the last 60 semester units of upper division course work attempted.
- Good standing at the last institution attended.
- Meet all other university admission requirements.

The baccalaureate degree should have included the following:

| Code | Title | Hours |
|--------------------|--|-----------|
| | Calculus (integral and differential) | 6 |
| | Chemistry (general) | 3 |
| | Physics | 3 |
| | Mathematical Statistics & Theories of Probability (upper division) | 6 |
| | Principles of Computer Technology | 3 |
| Total Hours | | 21 |

Note: Individuals from other undergraduate disciplines who demonstrate exceptional promise may be admitted to the program, pending completion of additional undergraduate prerequisite coursework or other demonstrations of competence as determined by the Quality Assurance Academic Program Committee. All special admissions are subject to approval by the Quality Assurance Academic Program Committee.

Degree Requirements

- Complete 30 semester units of approved graduate work.
- Complete at least 24 semester units in residence.
- Successfully complete the major courses listed below.
- Complete all coursework with a grade point average of at least 3.0 (B).
- Complete a culminating project or thesis.
- Successfully complete the Graduation Writing Assessment Requirement (GWAR).
- In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult the section of the University Catalog entitled "Requirements for the Master's Degree."

MSQA students choose from one of the following two programs. Each student should contact the MSQA coordinator prior to taking classes.

Master of Science in Quality Assurance (30 units)

| Code | Title | Hours |
|---|---|-------|
| Common Courses | | |
| QAS 511 | Quality Function Management and TQM | 3 |
| QAS 515 | Human Factors in Quality Assurance | 3 |
| QAS 518 | Quality Project Management and Productivity | 3 |
| QAS 599 | Project | 3 |
| Options | | |
| Select one of the following Options: | | 21 |
| Manufacturing Option: | | |
| QAS 510 | Advanced Probability and Statistics | |
| QAS 512 | Reliability | |
| QAS 513 | Statistical Quality Control and Sampling | |
| QAS 514 | Advanced Experimental Design | |
| QAS 516 | Measurement and Testing Techniques | |
| Select six units from the electives listed below | | |
| Service and Health Care Option: | | |
| QAS 530 | Statistical Quality Control (SQC) for Service Professionals | |
| QAS 531 | Customer Satisfaction and Quality Assurance | |
| QAS 532 | Quality Assurance of the Service Delivery Process | |
| Select twelve units from the electives listed below | | |
| Electives | | |
| QAS 521 | Process Control and Capability | |
| QAS 522 | Applied Systems Reliability, Maintainability and Safety | |
| QAS 523 | Software Reliability | |
| QAS 525 | ISO 9000 & The Audit Function | |
| QAS 526 | Supplier Quality Assurance | |
| QAS 527 | Quality Measurement | |
| QAS 534 | Change Management | |
| QAS 535 | Lean Manufacturing | |
| QAS 536 | Six Sigma Principles and Applications | |
| QAS 537 | Quality Function Deployment: Understanding Customer Requirements | |
| QAS 538 | Evaluation and Outcome Analysis for Healthcare Delivery | |
| QAS 539 | Good Manufacturing Practices | |
| QAS 540 | Food and Drug Law | |
| QAS 541 | Biomedical Quality Control Methods | |
| QAS 542 | Risk Management in FDA Regulated Industries | |
| QAS 543 | Identification and Mitigation of Suspect and Counterfeit Items | |
| QAS 544 | Digital Transforming Quality 4.0 with Industry 4.0 | |
| QAS 545 | Laboratory Conformity Assessment | |
| QAS 546 | Case Studies in Quality | |
| QAS 591 | Credit for Prior Learning: Quality Auditing | |
| QAS 592 | Credit for Prior Learning (CPL) Quality Measurement | |
| QAS 593 | Credit for Prior Learning (CPL) Six Sigma Principles and Applications | |
| QAS 594 | Ind Study In Assurance Science | |
| QAS 598 | Directed Research | |

Capstone

Complete the Comprehensive Exam

Total Hours**33**

1.

Radiologic & Imaging Sciences

College of Health, Human Services, and Nursing
School of Public Health and Health Sciences

Program Description

The graduate program in Radiologic and Imaging Sciences offers both a master's degree and two post-baccalaureate certificates.

The Master of Science in Radiologic and Imaging Sciences (RIS) program provides professional advancement tracts in RIS administration and RIS education for individuals already in the profession. These two tracks are open only to applicants with certification in radiography, nuclear medicine, radiation therapy, sonography, dosimetry, cardiovascular interventional technology, or PACS administration. Currently, the MS degree is approved for additional tracks in Ultrasound, MRI, CT, PET/CT, and Radiation Therapy, but these tracks are **not** accepting applications.

This executive-style program is one year in length and is offered fully online. Part-time enrollment is an option.

The Post Baccalaureate Certificate in Radiologic and Imaging Sciences allows professionals interested in obtaining additional skill sets in RIS Administration or RIS Education but do not desire a graduate degree.

Features

The master's degree and certificates enhance Radiologic and Imaging Sciences professionals' careers by equipping them to move into management or educational roles within the profession. Additionally, the MS degree expands the student's knowledge of the basic physical principles and instrumentation for all RIS disciplines as well as develops skills in utilizing science-based literature to modify clinical and educational practices. Certificates are concentrations focusing on specific RIS management skill sets or RIS education skill sets.

Academic Advisement

Interested students should contact Radiologic and Imaging Sciences at (310) 243-2550 or the School of Public Health and Health Sciences at (310) 243-2698 or visit <https://www.csudh.edu/radiologic-imaging-sciences-ms/> (<http://www.csudh.edu/radiologic-imaging-sciences-ms/>) for program specific details, application, and additional information.

Preparation

Procedures and Admission Criteria

Students applying to the MS-RIS program must:

1. Hold a bachelor's degree from a regionally accredited university in any discipline.
2. Have an undergraduate GPA of 2.5 or higher.
3. Be certified/registered in one of the Radiologic and Imaging Sciences. Specifically, Radiography (RTR), Radiation Therapy (RTT), Nuclear Medicine (RTN or CNMT), Sonography (RDMS, RSCS, or RVT), Magnetic Resonance Imaging (ARMRIT), Cardiovascular

Interventional Technology (RCES, RCIS), Dosimetrist (CMD) or PACS Administrator (ABII, PARCA)

Advancement to Candidacy

Advancement to candidacy recognizes that the student has demonstrated the ability to sustain a level of scholarly competency commensurate with successful completion of degree requirements. Upon advancement to candidacy, the student is cleared for the final stages of the graduate program which, in addition to any remaining course work, will include the thesis or project.

The following are the requirements for Advancement to Candidacy:

- A minimum of 15 resident units;
- Classified standing;
- A cumulative GPA of 3.0 in all courses taken as a graduate student;
- No grade lower than a "B-" in the degree program.

Advancement to Candidacy must be certified on the appropriate form to the Graduate Dean by the department prior to the final semester, prior to enrolling in the thesis or project.

Post-Baccalaureate Certificate

- Radiologic Imaging Sciences, Certificate (p. 807)

Graduate Programs

Master

- Radiologic and Imaging Sciences, Master of Science (p. 806)

Faculty

Elwin Tilson, Program Coordinator

Program Office: WH A-330, (310) 243-3748

CHHSN Student Success Center - Advising: WH 220 (Welch Hall Building, 2nd Floor), (310) 243-2120

Courses

RIS 501. RIS Physics and Instrumentation. (3 Units)

Basic sciences of radiologic professions including physics, instrumentation, data capture and management. Includes discussions of modalities in radiography, nuclear medicine, radiation therapy, ultrasound, and CVIS.

Offered Fall, Spring

RIS 502. RIS Sciences I. (3 Units)

Imaging techniques, technological advances in the radiologic/imaging sciences, patient care trends, and the role of a radiologic and imaging sciences professional.

Offered Fall, Spring

RIS 503. RIS Sciences II. (3 Units)

Integrated modalities in the radiologic professions such as CT, MRI, SPECT/CT, PET/MRI, IMRT, 3D imaging and teleradiology. Healthcare legal, regulatory, and ethical issues are also discussed.

Offered Summer

RIS 510. RIS Research Methods and Data Analysis. (3 Units)

Introduction to radiologic and imaging science research methods, data analysis, as well as current research trends and publications in the field.

Offered Fall, Spring

RIS 511. Informatics in Radiologic Imaging Sciences. (3 Units)

Introduction to Health Information Technology (HIT), Radiology Information Systems (RIS) and Picture Archive and Communication Systems (PACS). Includes basic information system technology as well as clinical and administrative application of healthcare information systems in radiologic and imaging sciences.

Offered Fall, Spring

RIS 520. RIS Management. (3 Units)

Introduction to principles of management with emphasis on it applications in radiologic and imaging department administration.

Offered Fall, Spring

RIS 521. RIS Leadership. (3 Units)

Introduction to principles of leadership with emphasis on its applications in radiologic and imaging department administration.

Offered Fall, Spring

RIS 522. Clinical Practice Accreditation. (3 Units)

Application for and maintenance of clinical professional accreditation of clinical operations. Emphasis is on the role of the radiology administrator.

Offered Fall, Spring

RIS 530. Pedagogy and Andragogy in RIS. (3 Units)

Principles and practice of effective teaching, curriculum development and evaluation in radiologic and imaging sciences.

Offered Fall, Spring

RIS 531. Radiologic and Imaging Sciences Program Administration. (3 Units)

Orientation to academic program directorship, faculty development, student affairs, academic affairs, the higher education system in the US and how colleges and universities in the US work. Topics include scholarship, advisement, teaching as well as faculty recruitment retention and development.

Offered Fall, Spring

RIS 532. RIS Academic Program Accreditation. (3 Units)

An introduction to accreditation of radiologic and imaging sciences academic programs. Topics include outcome assessments, benchmarking, Self-Study preparation, applying for and maintaining accreditation, and accreditation site visits.

Offered Fall, Spring

RIS 540. CT Physics, Instrumentation and Procedures. (3 Units)

In-depth study of the physical principles and instrumentation in CT.

Offered Fall, Spring

RIS 541. Advanced Topics in CT. (3 Units)

CT artifacts, reconstruction algorithms, 3-D imaging, angiography and radiation safety are discussed.

Offered Fall, Spring

RIS 542. CT Clinical Applications. (3 Units)

A discussion on clinical application of CT. Topics include central nervous system, cardiovascular, gastrointestinal, genitourinary, hepatobiliary, musculoskeletal, and cardiac systems.

Offered Fall, Spring

RIS 550. MRI Physics & Instrumentation. (3 Units)

In-depth study of the physical principles and instrumentation in MRI.

Offered Fall, Spring

RIS 551. Advanced Topics in MRI. (3 Units)

MRI artifacts, magnetic resonance angiography and MRI safety are discussed.

Offered Fall, Spring

RIS 552. MRI Clinical Applications. (3 Units)

A discussion on clinical application of MRI. Topics include central nervous system, cardiovascular, gastrointestinal, genitourinary, hepatobiliary, musculoskeletal, and cardiac systems.

Offered Fall, Spring

RIS 560. Ultrasound Physics and Instrumentation. (3 Units)

Emphasizes principles of physics and instrumentation of diagnostic ultrasound. Topics including sound wave parameters, energy transfer through wave propagation, surface reflection processes, and transducer construction. Includes an overview of A-mode, B-mode, and M-mode.

Offered Fall, Spring

RIS 561. Advanced Topics in Ultrasound. (3 Units)

Discussion of computer technology and the instrumentation used to create and store the ultrasound image and introduction to fluid dynamics, and the spectral, color and amplitude related to Doppler. Includes discussions about echo cardiology.

Offered Fall, Spring

RIS 562. Ultrasound Clinical Applications. (3 Units)

Topics include abdominal, OB/GYN, cardiac and vascular sonographic techniques.

Offered Fall, Spring

RIS 570. PET/CT Physics and Instrumentation. (3 Units)

Introduces the physical principles and instrumentation used in computed tomography and PET. Topics include the physics associated with PET, PET technology, an overview of computed tomography technology, and computer reconstructions algorithms.

Offered Fall, Spring

RIS 571. PET Radiopharmaceuticals. (3 Units)

A discussion of the radiopharmaceuticals and CT contrast used in PET/CT. Emphasis is on chemistry of positron-emitting nuclides and radiopharmaceuticals, the physiological interactions of radiopharmaceuticals, and iodinated contrast media in patients. Patient safety, patient screening, and radiation safety are included.

Offered Fall, Spring

RIS 572. PET/CT Clinical Applications. (3 Units)

Encompasses the interrelated aspects of performing PET/CT procedures. Includes anatomy, physiology and pathology of the organ systems, patient preparation and care, imaging instrumentation and protocols.

Offered Fall, Spring

RIS 580. Radiation Therapy Physics and Treatment Planning. (3 Units)

Basic principles of ionizing radiation, radiation dosimetry, imaging equipment, radiation therapy equipment and radiation detectors.

Offered Fall, Spring

RIS 581. Principles and Practices of Radiation Therapy I. (3 Units)

The fundamentals of clinical radiation oncology are discussed including the medical, biological, and pathological aspect as well as technical aspects. Topics also include the diagnosis, interpreting and implementing the treatment prescription, and documentation of treatment parameters for various physiological systems.

Offered Fall, Spring

RIS 582. Principles and Practices of Radiation Therapy II. (3 Units)

A continuation of RIS 581. Introduces Proton beam therapy, Intraoperative Radiotherapy (IORT), and Gamma Knife radiosurgery.

Offered Fall, Spring

RIS 590. Practicum. (1-3 Units)

Observing and applying discipline specific clinical, educational or managerial principles in a patient care or academic setting. Restricted to majors.

Offered Fall, Spring, Summer

RIS 597. Directed Reading. (3 Units)

Extensive reading in selected areas under the guidance of a faculty mentor. Restricted to majors. Repeatable course.

Offered Fall, Spring, Summer

RIS 598. Directed Research. (3 Units)

Extensive research on a subject related to the student's area of concentration under the guidance of a faculty advisor. Restricted to majors. Repeatable course.

Offered Fall, Spring, Summer

RIS 599. Capstone Project. (3 Units)

Prerequisite: Enrolled in the final semester of the degree program. A radiologic science related, practical project proposed by the student and approved by the advisor.

Offered Fall, Spring, Summer

RIS 600. Grad Continuation Course. (1 Units)

Graduate students who have completed course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Radiologic and Imaging Sciences, Master of Science

Degree Requirements

| Code | Title | Hours |
|-------------------------------------|--|-------|
| RIS 501 | Radiologic and Imaging Sciences I | 3 |
| RIS 502 | Radiologic and Imaging Sciences II | 3 |
| RIS 503 | Radiologic and Imaging Sciences III | 3 |
| RIS 510 | RIS Research Methods and Data Analysis | 3 |
| RIS 511 | Informatics in Radiologic Imaging Sciences | 3 |
| RIS 590 | Practicum | 3 |
| RIS 597 | Directed Reading | 3 |
| RIS 598 | Directed Research | 3 |
| RIS 599 | Capstone Project | 3 |
| Select one of the following Tracks: | | 9 |
| Education Track: | | |
| RIS 530 | Pedagogy and Andragogy in RIS | |
| RIS 531 | Radiologic and Imaging Sciences Program Administration | |
| RIS 532 | RIS Academic Program Accreditation | |
| Computed Tomography Track: | | |
| RIS 540 | CT Physics, Instrumentation and Procedures | |
| RIS 541 | Advanced Topics in CT | |
| RIS 542 | CT Clinical Applications | |
| Management Track: | | |
| RIS 520 | Radiologic Management I | |
| RIS 521 | Radiologic Management II | |
| RIS 522 | Clinical Practice Accreditation | |

MRI Track:

| | |
|---------|-------------------------------|
| RIS 550 | MRI Physics & Instrumentation |
| RIS 551 | Advanced Topics in MRI |
| RIS 552 | MRI Clinical Applications |

PET/CT Track:

| | |
|---------|------------------------------------|
| RIS 570 | PET/CT Physics and Instrumentation |
| RIS 571 | PET Radiopharmaceuticals |
| RIS 572 | PET/CT Clinical Applications |

Radiation Therapy Track:

| | |
|---------|--|
| RIS 580 | Radiation Therapy Physics and Treatment Planning |
| RIS 581 | Principles and Practices of Radiation Therapy I |
| RIS 582 | Principles and Practices of Radiation Therapy II |

Ultrasound Track:

| | |
|---------|--|
| RIS 560 | Ultrasound Physics and Instrumentation |
| RIS 561 | Advanced Topics in Ultrasound |
| RIS 562 | Ultrasound Clinical Applications |

Total Hours 36

Program Outcomes

The MS degree in Radiologic and Imaging Sciences is designed to teach students to:

1. Critically read and comprehend scientific literature in radiologic and imaging sciences.
2. Evaluate research design and statistical analyses tools reported in the scientific literature.
3. Express graduate-level professional ideas orally.
4. Demonstrate a general knowledge base of radiologic and imaging sciences.
5. Describe in detail the current knowledge in one discipline within radiologic and imaging sciences.
6. Write manuscripts for submission to scholarly journals.
7. Demonstrate the ability to integrate graduate-level theoretical, analytical, research and practical skills into professional practice.

Radiologic Imaging Sciences, Certificate

The Post-Baccalaureate Certificates in Radiologic and Imaging Sciences allow licensed RIS professionals to obtain additional skill sets in RIS Administration or RIS Education. These advanced-practice certificates are limited to individuals already licensed or certified in one of the Radiologic and Imaging Sciences disciplines (RTR, RTT, RTN, CNMT, RDMS, ARMRIT, RCES, RCIS, or CMD) and hold a Bachelor's degree from an accredited university.

Requirements

Education Option (12 units)

| Code | Title | Hours |
|---------|--|-------|
| RIS 530 | Pedagogy and Andragogy in RIS | 3 |
| RIS 531 | Radiologic and Imaging Sciences Program Administration | 3 |
| RIS 532 | RIS Academic Program Accreditation | 3 |

| | | |
|--------------------|-----------|-----------|
| RIS 590 | Practicum | 3 |
| Total Hours | | 12 |

Management Option (12 units)

| Code | Title | Hours |
|--------------------|---------------------------------|-----------|
| RIS 520 | RIS Management | 3 |
| RIS 521 | RIS Leadership | 3 |
| RIS 522 | Clinical Practice Accreditation | 3 |
| RIS 590 | Practicum | 3 |
| Total Hours | | 12 |

School Leadership

College of Education

Division of Graduate Education

Program Description

The School Leadership Program admits credentialed teachers who have at least four years of full-time teaching or services experience and will complete their fifth year of teaching while in the program to obtain their Preliminary Administrative Services Credential. Students become part of a cohort, taking courses in fall, spring and summer. Students become part of a cohort, taking a total of 32 units, with no more than 6 units taken in the summer. Courses are offered in face-to-face, on-line and hybrid formats. In addition, all students complete a field-based project and Master's students take a comprehensive exam. For the field-based project, students collect data and implement change that is driven by an equity gap at their school sites.

The School Leadership Program also offers the Clear Administrative Services Credential. To learn more about the two-tier credential structures offered, click here. (p. 573)

Features

The School Leadership curriculum is designed to meet the needs of full-time working professionals by offering a full program of courses in the late afternoon, evening and some weekends. Courses are offered so degree requirements may be completed in one year. The university's urban location provides a unique opportunity for working with a diverse cultural and ethnic population in classes and in field experiences.

Academic Advisement

Students will work with an advisor when they are admitted to the Division of Graduate Education. Students must confer with their advisor each semester prior to registration to ensure that they are taking the appropriate coursework in the proper sequence.

Requirements for Admission to the Graduate Program

Admission as a classified graduate student in education requires:

- Admission to the University
- Five years of full-time teaching and/or service experience in a public or private school (i.e. five years' experience in pupil personnel services) or students with four years of full-time teaching and/or service experience in a public or private school must complete their fifth year of full-time teaching and/or service experience during the SLP program

- A 3.0-grade point average in the last 60 units of college work. If less than a 3.0, a score of 500 or better on the MAT or a score of 300 or better on the GRE.
- Possession of a valid California teaching credential, designated subjects teaching credential, or services credential. (See CTC Requirements ([https://www.ctc.ca.gov/credentials/leaflets/admin-services-credential-california-\(cl-574c\)/](https://www.ctc.ca.gov/credentials/leaflets/admin-services-credential-california-(cl-574c)/)) for more details)
- Attendance at SLP Orientation and Summer Institute
- Must have passed the California Basic Educational Skills Test (CBEST) or meet basic skills requirement
- Two letters of recommendation, one from the applicant's site supervisor.

Admission Procedures

The application deadline for the School Leadership Program is June 1st. Dates are subject to change.

All prospective graduate students, including CSU Dominguez Hills graduates, must do the following:

1. Apply for graduate admission to the University through Cal State Apply. Students can find the applications at: <https://www.csudh.edu/coe/apply> (<https://www.csudh.edu/coe/apply/>)
2. Submit one set of official transcripts from all colleges and universities attended other than CSU Dominguez Hills to the CSU Dominguez Hills Admissions Office.

A decision regarding admission will be made upon completion of university and program admission requirements.

Classified Standing

Students who satisfy all the requirements of program admission will be admitted with Classified Standing. Students accepted with Conditional Standing will have a semester to meet the conditions for Classified Standing. Upon completion of specified conditions, students must request that a Postbaccalaureate/Graduate Change of Objective form be filed by their advisor on their behalf.

Graduate Programs

Master

- School Leadership, Master of Arts (p. 809)

Faculty

Gary Rhodes, Department Chair

Rene Castro, Yesenia Fernandez, Kitty Fortner, Leena Furtado, Jeremy Hart, Julie Jhun, Margarita Landeros, Adreian Mancillas, Gary Rhodes

Department Office: COE 1446, (310) 243-3524

Emeriti Faculty

Charmayne Bohman, Edith Buchanan, Muriel P. Carrison, James L. Copper, Peter Desberg, Farah Fisher, Jitsu Furusawa, Marjorie Holden, Antonia Issa-Lahera, Judith Jackson, Rita Lee, Susanne Medina, Sean R. Morgan, Anthony Normore, Pamela Robinson, Karlton Skindrud, Judson H. Taylor, George Walker

Courses

SLP 550. Induction Preliminary Leaders. (2 Units)

Students will develop an induction plan designed to meet the individual's needs as an instructional leader. The induction plan will include the assessment of the individual's professional needs to become an urban school leader. Students will analyze the CCTC Program Standards and the ISLLC national standards and plan and create their professional development plan.

Offered Fall

SLP 551. Visionary Leadership. (3 Units)

Recommended prerequisite: SLP 550 or concurrent enrollment. Students facilitate the development, articulation, implementation and stewardship of a vision of teaching and learning that is shared and supported by the school community. Coursework and fieldwork focus on the vision audit through collecting data, constructing profiles, and aligning resources.

Offered Fall

SLP 552. Instructional Leadership. (3 Units)

Recommended prerequisites: SLP 550 and SLP 551 or concurrent enrollment. Students learn how to advocate, nurture and sustain a school culture and instructional program conducive to student learning and staff professional growth. Coursework and fieldwork focus on the implementation of state adopted academic content standards, frameworks as well as assessment and accountability systems.

Offered Fall

SLP 553. Organizational Leadership and Resource Management. (3 Units)

Recommended prerequisites: SLP 550, SLP 551 and SLP 552 or concurrent enrollment. Students learn how to ensure the management of the organization, operations and resources for a safe, efficient, and effective learning environment. Coursework and fieldwork focus on the study and application of organizational theory that reflects effective leadership.

Offered Spring

SLP 554. Collaborative Leadership. (3 Units)

Recommended prerequisites: SLP 550, SLP 551, SLP 552, and SLP553. Students will learn to work effectively with families, caregivers and community members; recognize the goals and aspirations of diverse families; respond to diverse community interests and needs. Through coursework and fieldwork, student will examine and evaluate their attitudes toward people of different races, cultures, and ethnic backgrounds. Students will focus on improving student achievement regardless of race, culture, or socio-economic status.

Offered Spring

SLP 555. Ethical Leadership. (3 Units)

Prerequisites: SLP 550, SLP 551, SLP 552 and SLP 553. Students will examine, practice and model a personal code of ethics, including protecting the rights and confidentiality of students, staff, and families. Students will practice professional leadership capacity, including shared decision-making, problem-solving and conflict management and foster those skills in others. Through coursework and fieldwork, students will have multiple opportunities to model personal and professional ethics, integrity, justice and fairness.

Offered Spring

SLP 556. Political, Social, Economic, Legal and Cultural Leadership. (3 Units)

Prerequisites: SLP 550, SLP 551, SLP 552 and SLP 553. The student will learn about political, societal, economic, legal and cultural influences on schools. Through these interconnections, the student develops the ability to understand, respond to, and influence the larger political, social, economic, legal and cultural context of schools and leadership. The student will learn how to view himself or herself as a leader and as a member of a team by engaging in course work and field work that provide opportunities to both lead and work collaboratively.
Offered Fall

SLP 557. Post-Assessment, Preliminary Leadership. (2 Units)

Prerequisites: SLP 554, SLP 555, and SLP 556 or concurrent enrollment. Students provide evidence of their competency in all CCTC Program Standards and all six of the CPSELs. The course-ending formative assessment and program-ending summative assessments of their field-based project and portfolio will become part of the students' school leadership electronic portfolios. CR/NC grading.
Offered Spring

SLP 560. Fieldwork A, Preliminary Leadership. (2 Units)

Recommended corequisite: SLP 550, SLP 551, SLP 552, and SLP 553. Supervised field experiences at the school level to include actual job performance in both supervision and administrative work. Students will demonstrate competencies specified in approved programs. CR/NC grading.
Offered Fall

SLP 561. Fieldwork B, Preliminary Leadership. (2 Units)

Recommended corequisite: SLP 554, SLP 555, SLP 556 and SLP 557. Supervised field experiences at the school level to include actual job performance in both supervision and administrative work. Students will demonstrate competencies specified in approved programs. Second semester of two part course. CR/NC grading.
Offered Spring

SLP 580. Professional School Leadership: Pre-Assessment, Induction. (2 Units)

The candidate, the university faculty member, and the site mentor together develop a professional credential induction plan for the support and professional development for the candidate based on the six themes of the 2004 CCTC Professional Standards.
Offered Fall, Spring, Summer

SLP 581. Principles of Professional Administrative Practice: Six Themes. (3 Units)

Corequisite: SLP 580. This course has a strong conceptual base and is organized to address principles of administrative practice per CCTC's six thematic areas. Specialization and individualization occur by determining specialized strands and individualized learning opportunities as specified in the candidate's induction plan. CR/NC grading.
Offered Fall, Spring, Summer

SLP 582. Professional School Leadership: Post-Assessment. (2 Units)

Prerequisite: SLP 580 and SLP 581. The expectations developed in candidate's induction plan aligned are assessed to determine if the CCTC professional standards are satisfied. Candidate expectations will be different for each candidate, depending on past experiences, current job assignments, and future development goals and plans.
Offered Fall, Spring, Summer

School Leadership, Master of Arts Requirements

The Master of Arts in School Leadership requires completion of 32 units or more of course work with a minimum 3.0 grade point average. A minimum of 21 semester units must be completed in residence. Courses taken previously may be used to meet the course content requirements of a graduate program if they have been completed within the seven years immediately preceding the completion of the requirements for the degree or credential. However, no courses may apply toward the required number of units of approved graduate work that have been used to meet the requirements of another degree.

Students may take up to seven years to complete the course work, including exams. Course work that does not meet the seven-year deadline will have to be repeated and/or replaced by other courses with the approval of the program advisor.

In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Requirements for the Master's Degree."

Completion of Degree

1. Complete an approved program of 32 units of course work and meet specific GPA requirements.
2. Pass a comprehensive written examination. After completion of all course work or during the last semester of course work, the M.A. degree candidate may apply to take the comprehensive examination. There is only one retake opportunity.

Degree Requirements

| Code | Title | Hours |
|-------------------------|--|-----------|
| Core Courses | | |
| GED 500 | Research Methods in Education | 3 |
| GED 501 | Seminar in Learning and Development | 3 |
| Required Courses | | |
| SLP 550 | Induction Preliminary Leaders | 2 |
| SLP 551 | Visionary Leadership | 3 |
| SLP 552 | Instructional Leadership | 3 |
| SLP 553 | Organizational Leadership and Resource Management | 3 |
| SLP 554 | Collaborative Leadership | 3 |
| SLP 555 | Ethical Leadership | 3 |
| SLP 556 | Political, Social, Economic, Legal and Cultural Leadership | 3 |
| SLP 557 | Post-Assessment, Preliminary Leadership | 2 |
| SLP 560 | Fieldwork A, Preliminary Leadership | 2 |
| SLP 561 | Fieldwork B, Preliminary Leadership | 2 |
| Total Hours | | 32 |

Culminating Experience

Under the supervision of a program cohort leader and a school site administrator, each student engages in an action-research field-based project. Within this project the development of the knowledge, dispositions, and skills of an effective leader are measured in multiple ways throughout the program. All culminating projects are presented on CSUDH campus at the end of the spring semester to the larger school community. Each project is subsequently evaluated by a panel of

practicing school administrators who assess the leadership effectiveness of the Field Based Project.

The culminating project for the Master's is a 4.5 hour comprehensive exam consisting of four distinct tasks.

Social Work

College of Health, Human Services, and Nursing
Department of Social Work

Program Description

The Master of Social Work (MSW) program at California State University, Dominguez Hills is dedicated to pursuing a more just, global society through a critical, theoretical approach to social work education, research, and community-centered practice. Specifically, the program is dedicated to advancing anti-racist social work education that addresses societal dynamics stemming from intersectional oppression based on race, ethnicity, culture, gender, immigration, socioeconomic status, and membership in other categories historically subjected to oppression, discrimination, and indifference. Located in a diverse, complex urban setting, the program prepares Master level social workers to professionally and ethically deliver social work practice grounded in analysis, intervention, evaluation, and advocacy, which addresses racial oppression and other forms of structural inequality to enhance the well-being of individuals, families, and communities.

A core aim of the Department of Social Work is to advance antiracist social work education. The CSUDH program, grounded in Critical Race Theory and Intersectionality, is committed to dismantling racism. CRT/I framework provides an interdisciplinary and critical approach to social work education that allow the CSUDH MSW program to train practitioners to understand that the conditions that a service user presents before the social worker have just as much, if not more, to do with institutions and systems than with the client themselves. Using a CRT/I perspective allow our students to understand individual clients' issues through the barriers of institutional racism and the intersections of multiple layers of oppression. With the support of these theoretical frameworks, our students are well poised to enter the social work field with the tools to affect systems-level change in their communities. The curriculum is developed and organized as a coherent and integrated whole consistent with program goals and objectives. California State University, Dominguez Hills offers one concentration: Social Work Practice in Communities (SWPC), and three specializations that students can choose from: Children, Youth and Families, Community Mental Health, and Community Capacity Building.

The MSW program requires completion of 60 semester credit hours, which can be accomplished through the following program options: A two-year full-time program with classes that meet on campus on Tuesdays and Thursdays throughout the day, with fieldwork hours on Monday, Wednesday, and some Fridays; or a three-year part-time program with year-round classes held in the evenings and weekends and fieldwork occurring in the second and third years during normal business hours on weekdays. The curriculum is organized around the following core areas: Human Behavior in the Social Environment, Practice, Policy, Research, and Field Education. At the end of the foundation year, students are expected to have acquired a sense of professional responsibility and the ability to use the knowledge on behalf of individuals, groups, and communities. In the advanced year, the curriculum is planned to combine the concentration around major intervention systems, or specializations that build on a generalist base

obtained in the first year of study. This combination enables graduates to move into the social work community with a combination of knowledge and skills in a broad area, as well as in-depth knowledge and skills in a particular method or area of service.

Academic Advisement

Interested students should visit <https://www.csudh.edu/social-work/> or contact the Department of Social Work at (310) 243-3170 for more information. **Students and applicants are strongly advised to consult the website for updated information, prior to contacting the Department of Social Work.**

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from **Iris A'Hirataro: WH 385 - (310) 243-3068.**

Admission to the Master of Social Work Program

Applicants must apply to both the University and the Department of Social Work via the Cal State Apply online system: <https://www.calstate.edu/> (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.calstate.edu%2Fapply%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff%7CTWFpbGZsb3d8eyJWljoimC4wLjAwMDAiLCJQljoiv2luMzliLCJBTiI6Ik1haWwiLC%7C3000%7C%7C%7C&sdata=%2B48kFIITs8XJdVDuugnD4%2Bx3tYXpnFyubNpCoqhTKc%3D&reserved=0>)(<https://www.calstate.edu/apply/> ([https://www.calstate.edu/apply/](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.calstate.edu%2Fapply%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff%7CTWFpbGZsb3d8eyJWljoimC4wLjAwMDAiLCJQljoiv2luMzliLCJBTiI6Ik1haWwiLC%7C3000%7C%7C%7C&sdata=%2B48kFIITs8XJdVDuugnD4%2Bx3tYXpnFyubNpCoqhTKc%3D&reserved=0) (

application guidelines that are available on the Department of Social Work's website (<https://www.csudh.edu/social-work/> (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0>)), questions about the MSW program, application requirements, review process, and decisions may be directed to: mswadmissions@csudh.edu.

Admission Requirements

1. Completion of a baccalaureate degree from a regionally accredited, four-year institution or equivalent academic preparation as determined by appropriate campus authorities (a liberal arts foundation is preferred). Applicants without a baccalaureate degree may be eligible to apply, as long as they meet certain eligibility requirements, as outlined by the CSU Office of Admissions.

2. A GPA of 2.75 (on a scale of 4.0) or better in the last 60 semester/90 quarter units is preferred. However, applications with a lower GPA are still considered.

3. Satisfactory completion (earned a minimum grade of "C", not a "C-" or below) of prerequisite courses. Pass, Satisfactory, Credit, or other equivalent grades representing successful completion are also acceptable. However, grades representing unsuccessful completion (e.g. "C-" or below, Fail, Unsatisfactory, or No Credit, etc.) will not be accepted. Prerequisite coursework consists of the following:

a. One (1) Elementary Statistics course, or its equivalent (visit [https://\(https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0](https://(https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0))) www.csudh.edu/social-work/admissions (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0>)) for a list of equivalent examples);

b. One (1) Human Lifespan Development course, or its equivalent (visit [https://\(https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0](https://(https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0))) www.csudh.edu/social-work/admissions (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0>)) for a list of equivalent examples);

%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0) for a list of equivalent examples);

c. Two (2) courses in the humanities (philosophy, U.S. history, literature, religious studies, performing or visual arts, etc.); and

d. Three (3) social / behavioral science courses (e.g. social work, sociology, cultural anthropology, psychology, child development, human services, economics, political science, and gender, ethnic or disabilities studies, etc.).

4. Submit an official transcript from every institution you have attended outside of CSUDH, even if the courses were transferred or whether you withdrew before completing a term. Official transcripts must be submitted to the Office of Admissions by the designated deadline. The following circumstances may apply to some applicants:

- **Current and former CSUDH students** do not need to order CSUDH transcripts. Only transcripts of non-CSUDH courses need to be submitted. You will need to submit an official transcript from every institution you have attended outside CSUDH, even if you withdrew before completing a term and whether the courses are transferable.

- **Applicants with remaining coursework at the time of application** must submit an initial set of official transcripts of all college coursework completed to date, then submit updated transcripts reflecting successful completion of remaining coursework, including prerequisites and/or conferral of baccalaureate degree, if applicable.

- **Submit official transcripts (electronic transcripts preferred) by the designated deadline to:**

CSU Dominguez Hills
Office of Admissions & Records
1000 East Victoria Street
Carson, CA 90747

Please direct transcript-related questions to admissions@csudh.edu (admit@csudh.edu).

5. Applicants must be in good standing at the last college or university attended.

6. In addition to other information, applicants must submit the following (NOTE: full details of guidelines and instructions are available at <https://www.csudh.edu/social-work/> (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0>)) www.csudh.edu/social-work/admissions (<https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.csudh.edu%2Fsocial-work%2Fadmissions%2F&data=05%7C01%7Cwjashley%40csudh.edu%7Cfde44f9d518646e62ed608dac9af94e1%7C1a66a72773894727a8cbf249ac8e7ff8%7C0%7C0%7C638044053196210144%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwWLiJCXVClomn0%3D&reserved=0>))

- Personal statement (12-font, 4-6 double-spaced pages), using the question prompts outlined in the application guidelines.
- Statement of Time Management;
- Statement of Financial Management;
- Experience Profile;
- Names and contact information of three (3) professional and/or academic references who can evaluate the applicant's potential for graduate study. Personal references will not be accepted.

Graduate Programs

Master

- Social Work, Master of Social Work (p. 814)

Faculty

Leslie Ponciano, Ph.D. – Interim Department Chair

Iris A'Hirataro, MSW – Practice Education Director, Full Time Lecturer

Adriana Aldana, Ph.D., MSW – Associate Professor

Paul DuongTran, Ph.D., MSW - Professor

Susan D. Einbinder, Ph.D., MS - Professor

Lynn Harris, Ph.D., MSW – CalSWEC Project Coordinator, Full Time Lecturer

Camille Henderson, MSW – Admissions and Extended Education Coordinator, Full Time Lecturer

Nyora Higgs, MSW – CalSWEC Field Consultant, Full Time Lecturer

Andridia Mapson, Ph.D., LCSW, MBA – Student Services Coordinator, Full Time Lecturer

Paul Vu, MSW, MPP – CalSWEC Field Consultant, DCFS Stipend Coordinator, Full Time Lecturer

Emma Ribbs – Administrative Support Coordinator

Samuel Lopez - Administrative Support Assistant

Program Office: WH A-385, (310) 243-3170

Courses

MSW 500. Human Behavior and the Social Environment I. (3 Units)

Co-requisites: MSW 510, MSW 520, MSW 523, and MSW 540. Focus on individual and family life span. Examine individual and family development in the context of social, political, historical, and cultural variables. Individual and family behavior is examined for its unique expressions of strength and abilities in the course of achieving psychosocial, cognitive, moral, and spiritual developmental tasks. Offered Fall

MSW 501. Human Behavior and Social Environment II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523, and MSW 540. Co-requisites: MSW 511, MSW 521, MSW 530, and MSW 541. HBSE II, the second of two companion courses, examines the interrelationships among social institutions, social structure and social processes, on the one hand, and the realities of the lives of individuals, families, groups, communities, organizations and societies, on the other. Offered Spring

MSW 510. Social Welfare Policy I. (3 Units)

Co-requisites: MSW 500, MSW 520, MSW 523 and MSW 540. The structure, functions and components of US social welfare policy are identified and critically analyzed to reveal its scope, reach and limitations; current and historically successful approaches and tools to improve policies, increase social justice and reduce inequalities are reviewed. Offered Fall

MSW 511. Social Welfare Policy II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523 and MSW 540. Co-requisites: MSW 510, MSW 511, MSW 530 and MSW 541. Preparation to engage in policy practices advancing social and economic well-being of individuals, families, organizations and administrative and legal aspects of policy provisions and advancing social justice. Offered Spring, Summer

MSW 520. Generalist Social Work Practice I. (3 Units)

Co-requisites: MSW 500, MSW 510, MSW 523, and MSW 540. Focuses on theories, models, and interventions of generalist social work practice when working with individuals and families. Emphasis is placed on effective and equitable multicultural and contextual service delivery and interventions with poor, vulnerable and oppressed populations. Offered Fall

MSW 521. Generalist Social Work Practice II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523, and MSW 540. Co-requisites: MSW 501, MSW 511, MSW 530, and MSW 541. Focuses on theories, models and principles for generic social work practice with groups, communities and organizations. Emphasis is placed on effective and equitable multicultural and contextual service delivery and interventions with poor, vulnerable and oppressed populations. Offered Spring

MSW 522. Clinical Interventions with Youth, Children and Families in Social Work. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 530, MSW 540 and MSW 541 are required. Examines theories, principles and practices of family counseling, the life cycle and role of counselor in promoting change in families, utilizing CRT and Intersectionality. Ethical, legal and other professional issues related to family counseling will be covered. Restricted to Majors. Offered Fall

MSW 523. Social Justice in Social Work Practice. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 530 and MSW 540. Co-requisites: MSW 501, MSW 511, MSW 521 and MSW 541. Examines the history and consequences of different definitions of social justice. Social justice within human rights, culture, values, and ethics will be explored including related theory, social policy and movements and development of effective strategies promoting social justice. Offered Fall, Spring

MSW 524. Critical Race Studies in Social Work Practice. (3 Units)

In-depth overview of Critical Race studies (CRS) in social work fields. Examination of the causes and symptoms of structural racism and social/racial hierarchies in underserved communities. Analysis of the history and development of CRS' application to practice issues. Restricted to MSW Program.
Offered Fall

MSW 530. Social Welfare Research. (3 Units)

Co-requisites: MSW 500, MSW 510, MSW 520 and MSW 540. Critical assessment and mastery of research methodologies to systematically evaluate one's own social work practices, focusing on those used to evaluate published research studies, assess service and program delivery, and participate in conducting research as a professional social worker.
Offered Fall

MSW 531. Advanced Research. (3 Units)

Required Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 524, MSW 530, MSW 540, MSW 541. Community-based participatory action (CPAR) research skills and knowledge are acquired and applied to a topic relevant to a social work organization to generate a collaborative research proposal with a client participation component.
Offered Fall

MSW 540. Fieldwork Practicum I. (3 Units)

Co-requisites: MSW 500, MSW 510, MSW 520, and MSW 523. Supervised agency experience designed to develop generalist practice skills in working with individuals, families, groups and communities with emphasis on cross cultural practice. Two hours weekly seminar and 16 hours in agency placement. CR/NC grading.
Offered Fall

MSW 541. Fieldwork Practicum II. (3 Units)

Prerequisites: MSW 500, MSW 510, MSW 520, MSW 523, and MSW 540. Co-requisites: MSW 501, MSW 511, MSW 521, and MSW 530. Supervised agency experience designed to apply the knowledge, skills and values learned in MSW 520 and MSW 521 and activities of MSW 540. Two hours of seminar and 16 hours in agency placement. CR/NC grading.
Offered Spring

MSW 550. Advanced Social Work Practice in Communities. (3 Units)

Prerequisites: Completion of foundation year courses. Corequisite: MSW 570 and MSW 581. This course provides in depth overview of Social Work from a Community Practice perspective. It highlights contextual models of practice with communities as well as developmental, organizing, and planning approaches that are applicable to diverse populations. It will examine skills used by social workers to conduct culturally competent interventions.
Offered Fall, Spring

MSW 551. Social Policy III: Community Capacity Building. (3 Units)

Prerequisites: Advanced year status and declaration of Community Capacity Building as specialization. Corequisite: MSW 570. Community Capacity Building's growing influence on social policies and achievements improving the well-being of individuals and families in poor urban neighborhoods are described and analyzed to prepare professional social workers to advance social, economic and environmental justice.
Offered Spring

MSW 553. Multicultural Perspectives of Practice. (3 Units)

Prerequisites: Completion of foundation year courses. Corequisite: MSW 570. Theory and practice with ethnically, racially, religiously diverse populations utilizing a multidimensional, cross-cultural framework and case materials to analyze treatment issues and empowerment strategies.
Offered Fall

MSW 555. Advanced Practice in Administration and Leadership. (3 Units)

Prerequisites: MSW 510, MSW 520, MSW 521, MSW 550, MSW 540, MSW 541, MSW 550, MSW 570. Corequisite: MSW 571. Introduces the concepts and theories involved in leadership, administration and management of a human services organization. Leadership styles will be examined, paying close attention to those who recognize diverse cultural styles and incorporate contextually competent approaches to administration.
Offered Spring

MSW 560. Social Welfare Policy III: Children, Youth and Families. (3 Units)

Prerequisite: Advancement to Candidacy and completion of foundation year courses. Co-requisites: MSW 550, MSW 553, MSW 570 and MSW 598. Provides students with an advanced understanding of key issues, concepts and of key issues, concepts and skills associated with policy analysis and development of policy alternatives and political action on behalf of children, youth and families.
Offered Spring

MSW 561. Social Welfare Policy III: Community Health/Mental Health. (3 Units)

Prerequisite: Advancement to Candidacy and completion of foundation year courses. Co-requisites: MSW 550, MSW 553, MSW 570 and MSW 598. Community mental health policies, programs, services and initiatives identified and critically assessed for quality, utilization, social justice considerations, and social work impact, using specialized policy analyses, professional activities and political actions focusing on populations-at-risk within and across affiliated organizations.
Offered Spring

MSW 570. Fieldwork Practicum III. (3 Units)

Prerequisites: Completion of foundation year courses. Co-requisites: MSW 550 or MSW 551. Continued supervised agency experience at an advanced level in both direct and administrative program development areas within the student's area of concentration, with an emphasis on cross-cultural practice. One hour weekly seminar and 20 hours in agency placement. CR/NC grading.
Offered Fall

MSW 571. Fieldwork Practicum IV. (3 Units)

Prerequisites: Completion of foundation year courses and MSW 550 or MSW 551, MSW 553, MSW 570, and MSW 598. Corequisite: MSW 555. Continued supervised agency experience at an advanced level in both direct and administrative program development areas within the student's area of concentration, with an emphasis on cross-cultural practice. One hour weekly seminar and 20 hours in agency placement. CR/NC grading.
Offered Spring

MSW 574. Seminar in Health Care and Gerontology. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 524, MSW 530, MSW 540, and MSW 541 are required. Examines advanced social work practice in health care settings with persons of varying ages and advanced social work practice with older adults.
Offered Spring

MSW 575. Grant Research and Proposal Writing. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 524, MSW 530, MSW 540, and MSW 541 are required. Provides students with the knowledge and skills necessary to develop the fundamental components of a grant proposal to include needs assessment, program planning and development, abstract, background and significance, goals and objectives, project design and methods, evaluation, sustainability, outreach/marketing plan, budget and justification. Students will develop skills in researching and locating private and public funding opportunities.
Offered Spring

MSW 576. Youth Empowerment or Community Change. (3 Units)

Prerequisites: MSW 500, MSW 501, MSW 510, MSW 511, MSW 520, MSW 521, MSW 540, and MSW 541 are required. Examines strategies or engaging and empowering young people, with an emphasis on approaches in urban, racially segregated, and economically disinvested areas. Draws upon best practices from grassroots organizing, civic engagement, youth development, and child welfare.
Offered Spring

MSW 580. Child Welfare Issues. (3 Units)

Prerequisite: Advancement to candidacy. Identifies and critically analyzes a broad range of welfare issues related to children, youth and families, such as child maltreatment, poverty, race, gender, sexual orientation, and gang violence, focusing on contributing factors, recent research, policies and treatment modalities.
Offered Fall

MSW 581. Seminar in Community Capacity Building. (3 Units)

Prerequisite: Advanced year status and declaration of Community Capacity Building as Specialization. Co-requisites: MSW 550 and MSW 570. Focus is on the collaboration, assessment, implantation and evaluations of various strategies utilized to build capacity within communities. Students will apply the tenets of Asset and Social development to support/aid in the development of families, neighborhoods and communities.
Offered Fall

MSW 582. Seminar in MH Issues. (3 Units)

Prerequisite: Advancement to candidacy. Examines mental health from a community perspective. Cast in the context of the recovery model, theoretical perspectives examine assessment, treatment planning and approached to recovery and wellness. Critical Race Theory, cultural implications and outcomes will be examined.
Offered Fall

MSW 590. Graduate Seminar in Integrative Learning. (3 Units)

Prerequisite: Completion of all foundation-level MSW courses including Foundation Year field practicum. Students integrate mastery across course work and showcases key learning experiences and social work competencies. CR/NC grading.
Offered Spring

MSW 592. Diagnostic Assessment in Social Work Practice. (3 Units)

Restricted to majors. Overview of assessment for contextually and culturally competent social work practice using the DSM 5. A principle goal is to address, from a social justice standpoint, issues of social hierarchies and power in the use of diagnosis of mental health disorders.
Offered Summer

MSW 594. Independent Study in Social Work. (3 Units)

Independent pursuit of a topic or project which is proposed by the student. Study must be interdisciplinary and must be approved, in advance, by faculty member supervising study. Repeatable course. Non-repeatable.
Offered As needed

MSW 595. Special Topics in Social Work. (1-3 Units)

Advanced course of special interest for Social Work graduate students. Topic and content will vary as announced.
Offered As needed

MSW 598. Directed Research. (3 Units)

Prerequisite: Advancement to candidacy and consent of program coordinator. Co-requisites: MSW 551 or MSW 551, MSW 553, MSW 560 or MSW 561, and MSW 570. Extensive research on a subject related to the student's area of concentration under the guidance of a faculty member. Designed to prepare students for the Project, Thesis or their Comprehensive Examination. CR/NC grading.
Offered Fall

MSW 599. Social Work Thesis. (3 Units)

Prerequisite: Completion of all foundation-level MSW courses, including Foundation Year field practicum. Thesis option requires the student to design, implement, analyze and write up a formal research paper about an investigation into a topic relevant to the social work profession, which includes flexibility in terms of creativity and methodology. CR/NC grading
Offered Spring

MSW 600. Graduate Continuation Course. (1 Units)

Students who have completed their course work but not their directed project may maintain continuous enrollment by registering for this course with permission of the program coordinator.
Offered Infrequent

Social Work, Master of Social Work Requirements

Total Course Requirements for the Master's Degree (60 units)

The students must maintain a 3.0 grade point average to remain a student in good standing in the Social Work program. A student will be placed on academic notice if, in any term, he or she fails to earn a grade point average of 3.0 or higher for work taken through that term. During a subsequent term of one semester, the student must achieve a grade point average sufficiently high enough to bring the cumulative grade point average to 3.0 or better. Failure to do so will result in disqualification from the program.

Students may not earn social work course credit for life experience or previous work experience.

See the "Requirements for the Master's Degree" in the University Catalog for complete details on general degree requirements.

Requirements

| Code | Title | Hours |
|------------------------|---|-------|
| Foundation Year | | |
| MSW 500 | Human Behavior and the Social Environment I | 3 |
| MSW 501 | Human Behavior and Social Environment II | 3 |
| MSW 510 | Social Welfare Policy I | 3 |
| MSW 511 | Social Welfare Policy II | 3 |

| | | |
|---------|--|---|
| MSW 520 | Generalist Social Work Practice I | 3 |
| MSW 521 | Generalist Social Work Practice II | 3 |
| MSW 523 | Social Justice in Social Work Practice | 3 |
| MSW 530 | Social Welfare Research | 3 |
| MSW 540 | Fieldwork Practicum I | 3 |
| MSW 541 | Fieldwork Practicum II | 3 |

Concentration Year

Select one of the following Specializations: 27

Children, Youth and Families Specialization (CYF):

| | | |
|---------|---|--|
| MSW 523 | Social Justice in Social Work Practice | |
| MSW 550 | Advanced Social Work Practice in Communities | |
| MSW 555 | Advanced Practice in Administration and Leadership | |
| MSW 560 | Social Welfare Policy III: Children, Youth and Families | |
| MSW 570 | Fieldwork Practicum III | |
| MSW 571 | Fieldwork Practicum IV | |
| MSW 580 | Child Welfare Issues | |
| MSW 598 | Directed Research | |
| MSW 599 | Social Work Thesis | |

Community Mental Health Specialization (CMH):

| | | |
|---------|--|--|
| MSW 523 | Social Justice in Social Work Practice | |
| MSW 550 | Advanced Social Work Practice in Communities | |
| MSW 555 | Advanced Practice in Administration and Leadership | |
| MSW 561 | Social Welfare Policy III: Community Health/ Mental Health | |
| MSW 570 | Fieldwork Practicum III | |
| MSW 571 | Fieldwork Practicum IV | |
| MSW 582 | Seminar in MH Issues | |
| MSW 598 | Directed Research | |
| MSW 599 | Social Work Thesis | |

Community Capacity Building Specialization (CCB):

| | | |
|---------|--|--|
| MSW 523 | Social Justice in Social Work Practice | |
| MSW 550 | Advanced Social Work Practice in Communities | |
| MSW 555 | Advanced Practice in Administration and Leadership | |
| MSW 551 | Social Policy III: Community Capacity Building | |
| MSW 570 | Fieldwork Practicum III | |
| MSW 571 | Fieldwork Practicum IV | |
| MSW 581 | Seminar in Community Capacity Building | |
| MSW 598 | Directed Research | |
| MSW 599 | Social Work Thesis | |

Electives

| | | |
|------------|---|---|
| MSW 522 | Clinical Interventions with Youth, Children and Families in Social Work | 3 |
| or MSW 592 | Diagnostic Assessment in Social Work Practice | |

Total Hours 60

- Demonstrate Ethical and Professional Behavior
- Advance Human Rights and Social, Racial, Economic, and Environmental Justice
- Engage Anti-Racism, Diversity, Equity, and Inclusion (ADEI) in Practice

- Engage in Practice-Informed Research and Research-Informed Practice
- Engage in Policy Practice
- Engage with Individuals, Families, Groups, Organizations, and Communities
- Assess Individuals, Families, Groups, Organizations, and Communities
- Intervene with Individuals, Families, Groups, Organizations, and Communities
- Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities

Sociology

College of Natural and Behavioral Sciences
Department of Sociology

Program Description

The study of Sociology offers students the opportunity to develop a critical understanding of society, its processes, and structures, so as to understand and intervene in life and work in our diverse global society. Students apply the tools of social analysis to a broad range of social and institutional situations such as those of the family, schooling, and policing. The methods and knowledge developed by sociologists reflect the complexity of human organization, social life, inequalities, and social justice. The newly emerging patterns of social change continue to alter our life, making the effective applications of social analysis more important than ever before in solving problems of inequalities, human organization, and justice at a local and global level.

The department of Sociology at CSUDH is committed to its mission, “sociology in service to the community.” The department is composed of a diverse, innovative and stimulating faculty who teach and pursue research in a variety of areas that are important in today’s global societies. The sociology department offers undergraduate and graduate programs with several emphases that respond directly to the needs of today’s students. We offer a wide range of opportunities to engage in theory building, service learning, applied research, community studies, and organizing.

Undergraduate majors, minors, and graduate students may concentrate their studies in a variety of areas including theory building, applied research, community studies, criminology, justice studies, the helping professions, and social change in a global context. Sociology prepares students for careers in social work, law, criminal justice, government, non-profit and community and international organizations, education, gerontology, medicine, community service, urban planning, politics, business, academia, human resources, and applied research.

Undergraduates majoring in sociology may elect to concentrate their studies in any of the areas mentioned above or in an area designed in consultation with faculty to best fit their academic or professional goals. Students majoring in other disciplines or professional programs may tailor a minor in sociology to complement their major field of study. A minor in Sociology complements a wide range of majors, including psychology, political science, computer science, liberal studies, human services, public administration, and many others. Graduate students often plan their studies in the context of more specific career and professional goals, or to augment their current professions.

Academic Advisement

Sociology faculty provide advisement for majors, minors, and graduate students in sociology. Students are advised to meet with a faculty advisor early, in order to take the best advantage of the opportunities offered by the Department. Although undergraduates may go to any faculty member for Sociology advising, each term an instructor has extended office hours dedicated to Sociology advising. Contact information for faculty and GE advisors can be found on the department website. For graduate studies, Dr. LaTanya Skiffer should be contacted. Faculty are available for both daytime and night students. For faculty office hours and general questions, please call the department office at (310) 243-3431.

Preparation

High school students contemplating a major in sociology are encouraged to take college preparatory courses, including English, mathematics, and social sciences. Courses in computers, logic, and life science also are recommended.

Students planning to transfer from a community college should consult with their counselor or advisor to assure that appropriate lower-division courses are completed before the transfer.

Student Internships

Student internships are made available in locations related to the subject areas in the Sociology Department including criminology and justice studies, helping professions, social change in global contexts, social inequalities and applied research and community studies and others where faculty research and professional practice provide such opportunities. Students interested in internships can enroll in the SOC 381 Field Studies in Urban Problems course which is offered in the Fall and Spring semesters. Internships can also be arranged under special circumstances with individual faculty. Interested students should talk with faculty involved in such areas.

Student Organizations

The department has a chapter of Alpha Kappa Delta, the International Sociology Honor Society, for students who meet honor society requirements. There is a Sociology Student Club and a Pre-Law Club.

Graduation with Honors

An undergraduate student may be a candidate for graduation with honors in Sociology by meeting the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum GPA of at least 3.5 in all courses used to satisfy the upper-division requirements in the major.

Career Possibilities

The Sociology Department's programs are designed to prepare students for graduate study in sociology and for professional positions and careers in a variety of fields in federal, state, and local agencies as well as for jobs in private business and non-profit institutions and applied research. Studies in sociology provide great preparation for careers in academia, social work, counseling, law, probation, and criminology as well as community organizing, labor unions and public service. In addition to career advancement in the preceding areas and other areas, students completing a master's degree in sociology can teach at a community college and work toward a Ph.D. A degree in sociology also complements technical and administrative programs by broadening

students' understanding of social organizations, social inequalities, social structures, global and local processes, and human behavior. Contact the department office to for a list of faculty advisors to help you with your career choices and planning.

Undergraduate Programs

Bachelor

- Sociology, Bachelor of Arts (p. 821)

Minor

- Sociology, Minor (p. 826)

Certificate

- Community Organizing, Certificate (p. 820)
- Social Research, Certificate (p. 821)
- Social Research, Graduate Certificate (p. 821)

Graduate Programs

Master

- Sociology, Master of Arts (p. 824)

Certificate

- Community Organizing, Certificate (p. 820)
- Social Research, Certificate (p. 821)
- Social Research, Graduate Certificate (p. 821)

Faculty

Billy Wagner-Huang, Department Chair
Kara Dellacioppa, Undergraduate Program Advisor
LaTanya Skiffer, Graduate Program Coordinator

Kara Dellacioppa, Kelin Li, Alexis McCurn, Joanna Perez, Katy Pinto, Jose Prado, La Tanya Skiffer, Sohaila Shakib, Billy Wagner-Huang (Department Chair)

Department Office: SBS B-334, (310) 243-3431

Emeriti Faculty

Faye Arnold, William R. Blischke, Robert M. Christie, Charles Hohm, Fumiko Hosokawa, John C. Quicker, Steve Riskin

Courses

SOC 101. The Individual In Society. (3 Units)

An introduction to the study of self, socialization, and social interaction. Interpersonal relations and the structure of social roles; deviance and normality in everyday life.

Offered Fall, Spring, All terms

SOC 102. Understanding Social Relationships in a Global Perspective. (3 Units)

Dynamics and histories of basic institutions of society such as the family, work, economy, education, class, crime, race, culture and gender. Course content focuses on the global and comparative aspects of these institutions.

Offered Fall, Spring, All terms

SOC 220. Analytical Statistics. (4 Units)

Prerequisite: Algebra I is recommended. Statistical techniques for the description and analysis of sociological data. Tabular, graphic, and parametric analytical procedures. Three hours lecture and three hours laboratory per week.

Offered Fall, Spring, All terms

SOC 302. Workshop in Social Research. (3 Units)

Prerequisites: Consent of instructor is required; SOC 220, SOC 305, SOC 355 are recommended. Workshop in research methods and theory applied to actual research projects culminating in public reports. Repeatable course. Six hours of workshop per week.

Offered Fall, Spring, All terms

SOC 303. Qualitative Methods. (3 Units)

Use and application of unstructured, structured, and participant observation methods to sociological phenomena. Unobtrusive and non-reactive procedures of research.

Offered Infrequent

SOC 304. Computer Applications. (3 Units)

Prerequisite: SOC 220 or its equivalent is recommended. Applications of computers in the Social Sciences; data processing, modeling, simulation, data base management, bibliographic searches. On-line and batch applications. One hour of lecture and four hours of activity per week.

Offered Infrequent

SOC 305. Methods Of Soc Research. (4 Units)

Prerequisite: SOC 220. Examination of methods employed in the investigation of sociological phenomena. Consideration of the research process as a whole, including quantitative and qualitative techniques. Includes supplemental workshop. Three hours of lecture and two hours of activity per week.

Offered Fall, Spring, All terms

SOC 306. Program Evaluation. (3 Units)

Emphasis on the role of program evaluation in decision making, improvement, and accountability. Students will become involved in evaluation activities.

Offered Infrequent, All terms

SOC 307. Micro Computer Data Base Applications in Social Science. (3 Units)

Exploration of individualized data base systems for social science. Creation and management of data base files, both user generated and commercial software. Emphasis on the usefulness of the microcomputer in storing, accessing and analyzing social science data, report generation and accessing mainframe archives. One hour of lecture and four hours of activity per week.

Offered Infrequent

SOC 308. Field Applications Socio. (3 Units)

Offered Infrequent

SOC 309. Writing Skills in Sociology. (3 Units)

Introduction to basic research and presentational skills of sociology and social and behavioral sciences. Skills development in research and writing, using library and other data sources, organizing projects, writing reports. One hour of lecture and four hours of activity per week.

Offered Infrequent

SOC 310. Social Stratification. (3 Units)

Offered Infrequent

SOC 311. Global Organizations and Social Processes. (3 Units)

Examination of processes of globalization and contemporary social systems in a global context. This includes corporations, education, the family, the global economy, the military, religion and social movement organizations. Attention given to patriarchy, post-colonialism, race and ethnicity.

Offered Fall, Spring, All terms

SOC 315. Sociology Of Work. (3 Units)

Sociological analysis of work in industrial society. Examination of the labor force, industrial organization, occupational roles, and careers. Consideration of impact of technological change.

Offered Fall, Spring, Summer, All terms

SOC 316. Sociology Of Adult Life: Aging. (3 Units)

Prerequisite: SOC 101 or SOC 102 is required. The developmental processes occurring throughout the life-cycle with special focus on problems and issues surrounding middle and old age. Utilization of demographic, cross-cultural, family, community, and societal studies to explore the social dimensions of aging.

Offered Fall, Spring

SOC 317. Class Status Power & Work. (3 Units)

Offered Infrequent, All terms

SOC 320. The Family. (3 Units)

Study of the social processes and structural patterns affecting contemporary family life in American society.

Offered Fall, Spring, Summer, All terms

SOC 321. Sociology Of Education. (3 Units)

Examination of the organization and functions of educational institutions, comparison of American educational systems with educational systems in industrial and developing nations. Special attention given to the impact of schools on the life choices of culturally diverse groups.

Offered Fall, Spring

SOC 322. Social Environment of Education. (3 Units)

An integrative study of socialization factors of the young child from various backgrounds and patterns of relationships between the teacher, parent, and community figures in culturally diverse situations.

Offered Fall, Spring, All terms

SOC 325. Sociology Of Religion. (3 Units)

Study of religion from sociological perspective: how religions are enacted and expressed as social and cultural events; the relation of religion to social structures; emphasis of the awareness of religion as an aspect of complex multiethnic society.

Offered Infrequent

SOC 326. Sociology Of Medicine. (3 Units)

Social and cultural aspects of health, health behavior, and health organizations. Research on the distribution of disease in society, organization of health professions, social change, health care, stress and disease. Examination of social and cultural factors affecting utilization and structure of health services.

Offered Fall, Spring

SOC 327. Sociology of Sports. (3 Units)

In this course, sports is examined as a social institution. This course provides an analysis of the organization and social functions of sport, popular sports media and history. It examines how sports challenges and reproduces cultural ideas about masculinity, femininity, sexual orientation, race/ethnicity, social class, work, fun, achievement, competition, violence and aggression.

Offered Infrequent

SOC 328. Social Agencies: Practice and Power. (3 Units)

Study of the sources of power and the practical function of social agencies evaluated in their social context and for their impact upon the individual.

Offered Spring

SOC 331. Minority Racial and Ethnic Relations. (3 Units)

Investigation of current American racial and ethnic problems in world-wide and historical perspective.

Offered Fall, Spring, All terms

SOC 334. Women In Society. (3 Units)

Analysis of the changing role of women in different historical and cultural settings. Emphasis on the conflict women face from the value and belief systems of their cultures, those of their broader society and their social identity as women. The course will draw on material from diverse cultures, including both industrialized and developing countries.

Offered Fall, Spring

SOC 335. Social Movements. (3 Units)

A study of major social movements with varying specific emphasis on topical problems or relevant issues from semester to semester. For example, a specific semester may be devoted to Social Movements: Black Awareness; or Social Movements: Utopias. Repeatable course.

Offered Fall, Spring, Summer

SOC 337. Critical Sociology Through Film. (3 Units)

Students will examine how documentary and non-documentary film depicts and addresses social issues while communicating sociological theories and concepts in tangible visual formats. Through this process students will learn to critically examine media images using a sociological lens.

Offered Spring, Summer

SOC 340. Social Psychology: Sociological Perspective. (3 Units)

The reciprocal influence that individuals and groups exert on one another from a sociological perspective. Focus on language and other symbolic processes, role taking and role playing, and the importance of the self-concept in interpersonal behavior.

Offered Fall, Spring, All terms

SOC 341. Seminar In Small Groups. (3 Units)

Study and discussion of social interaction in small groups. Historical and theoretical background, research findings, leadership, and the small group as a social system. Classroom exercises in group dynamics. Three hours of seminar per week.

Offered Fall

SOC 355. Modern Sociological Theories. (4 Units)

Analysis of contemporary sociological theories with attention to historical origins. Relationship of theory to research and theory construction. Includes supplemental theory building workshop. Three hours of lecture and two hours of activity per week.

Offered Fall, Spring, All terms

SOC 362. Gangs and Adolescent Subcultures. (3 Units)

Examines gang phenomena nationally and regionally. Focus on organizational, behavioral, etiological, and preventive factors associated with development and perpetuation. Street, motorcycle, prison, ethnic and other subcultural formations are examined.

Offered Fall, Spring, Summer

SOC 363. Sociology of Alcohol and Other Drug Use. (3 Units)

Introduction to drugs and alcohol as a contemporary social problem. Sociological analysis of drug use and abuse. Course includes systematic review of policy implications and therapeutic applications of sociology of drug use, especially chemical dependency and alcoholism.

Offered Fall, Spring, Summer

SOC 364. Corrections. (3 Units)

Analysis of various sociological aspects of correctional operations: correctional settings, institutional life, types of correctional programs, rehabilitation, recidivism, alternatives to prisons, probation and prevention, the adjudicative process, and theoretical and empirical considerations of correctional systems.

Offered Fall, Spring

SOC 365. Deviant Behavior. (3 Units)

Consideration of deviant behavior. Study of the forms and processes of deviance, and the distribution of its occurrence. A systematic analysis of particular kinds of violations of normative rules as related to general processes of interaction in everyday social activities.

Offered Fall, Spring, Summer

SOC 367. Sociology Of Law. (3 Units)

The social context within which legal systems function, the effectiveness of law as a mechanism of social control, the relationship between law and social change, and the social basis for the administration of justice and punishment.

Offered Spring, Summer

SOC 368. Criminology. (3 Units)

Theories of the genesis of crime: patterns of criminal behavior; nature of criminal organizations; analysis of relationship of crime to the social structure; criminal statistics and crime rates: police and the criminal justice system.

Offered Fall, Spring, All terms

SOC 369. Juvenile Delinquency. (3 Units)

Social context, definition, implications, and causes of juvenile delinquency as a social phenomenon; analysis of factors associated with delinquent behavior. Problems of adjustment of delinquents and factors in treatment and in post-treatment adjustment.

Offered Fall, Spring, Summer, All terms

SOC 370. Moot Court. (3 Units)

Prerequisites: POL 304 and THE 120 are recommended. Training course of the Stanley Mosk Moot Court Competition. Case study of a selected problem and its progress through the legal system. Emphasis on difference between social and legal solutions. Students argue case before attorneys and judges. Repeatable course for up to three times.

Two hours of lecture and two hours of activity per week.

Offered Infrequent

SOC 380. Urban Sociology. (3 Units)

This class examines the general courses, processes, and consequences of urban development. Interdisciplinary perspectives and research methodologies for studying urban settings will be reviewed.

Offered Fall, Spring

SOC 381. Field Studies in Urban Problems. (3 Units)

Field experiences in the urban setting, with special emphasis upon investigation and understanding of the human and social dimensions of urban problems. Two hours of lecture and two hours of activity per week.

Offered Fall, Spring, All terms

SOC 382. Sociology of Latina/o Communities. (3 Units)

Offers introductory discussion and analysis of topics that pertain to Latinas/os throughout North, Central, and South America and the Caribbean. Explores experiences of different Latina/o communities. These include colonialism, post-colonialism, gender, immigration, race, etc.

Offered Infrequent

SOC 383. Black Communities: Class, Status and Power. (3 Units)

An analysis of the structure of the Black community: class, economic and political power, the role of leadership, and the conditions for social development.

Offered Fall, Spring, All terms

SOC 384. Community Organizing. (3 Units)

Study and project of community change. Analysis of the global context of local community organizing, including economic restructuring, environmental justice, immigration and the role of the state. Theories of community engagement and multi-cultural alliances, with an emphasis on women's roles.

Offered Fall, Spring

SOC 386. Sociology of the Helping Professions. (3 Units)

Analysis of the importance of social and environmental factors within the helping context. Particular emphasis on variety of settings for helping, and on issues of social ethics and cultural sensitivities.

Offered Fall, Spring, All terms

SOC 387. Theory and Research in Globalization. (3 Units)

This course provides students with an understanding of the basic theories and concepts related to the economic, social, political, and cultural processes of globalization. Students will work on a research project on a global issue.

Offered All terms, Fall, Spring

SOC 395. Special Topics In Sociology. (3 Units)

Intensive sociological analysis of a topic of special interest to both the faculty member and students. Repeatable course.

Offered Fall, Spring

SOC 401. Inferential Statistics. (4 Units)

Prerequisites: SOC 220 or its equivalent is required; algebra is recommended. Inferential statistical techniques as tools for analysis of sociological data. The logic of statistical inference. Parameter estimation and hypothesis testing. Three hours lecture and three hours laboratory per week.

Offered Infrequent

SOC 402. Multivariate Analysis. (4 Units)

Prerequisites: SOC 220 or its equivalent is required; SOC 401 is recommended. Consideration of the integral involvement of statistics in research, with special emphasis on multivariate techniques. Criteria for selection of appropriate techniques. Three hours of lecture and three hours laboratory per week.

Offered Infrequent

SOC 408. Survey Research. (3 Units)

Recommended Prerequisite: SOC 220. Emphasis on the skills of survey research in decision making, improvement, and data collection. Students will become involved in survey research activities.

Offered Infrequent

SOC 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. A reading program of selected topics conducted under the supervision of a faculty member. Repeatable course.

Offered Fall, Spring

SOC 496. Internship in Sociology. (3-6 Units)

Provides students with supervised pre-professional experience in a community agency, social justice or human rights organization. This internship introduces students to employment possibilities and social change work while they receive valuable field experience and build community contacts. Repeatable up to 9 units.

Offered As needed

SOC 498. Directed Research. (1-3 Units)

Offered Infrequent

SOC 500. Professional Development. (3 Units)

Provides an overview of university and department requirements for degree, campus resources, and exploration of career paths for Sociologists

Offered Fall, Spring

SOC 502. Graduate Workshop in Research and Theory. (3 Units)

Practicum in theory and research culminating in preparation of a public report. Entire experience is based on professional research projects in the Social Systems Research Center. Student is expected to assume some supervisory responsibility. Repeatable course. Six hours of workshop per week.

Offered Spring

SOC 503. Seminar in Ethnographic Analysis in Sociology. (3 Units)

Ethnographic fieldwork and analysis in Sociology. Theories and techniques of field observations and methods of analysis of observational data, including field notes, documents, and audio-visual records. Concentration on methods of doing sociology so as to extrapolate principles of social behavior from observation of on-going activities in organized settings. Three hours of seminar per week.

Offered Spring

SOC 505. Seminar in Sociological Research. (3 Units)

Prerequisites: SOC 305 or equivalent are required; SOC 401 or SOC 402, SOC 403 and SOC 407 are recommended; concurrent enrollment in SOC 506 required for Sociology graduate students, recommended for all others. Advanced study of sociological research techniques and strategies. Consideration of research design and analysis as they relate to theory testing. Three hours of seminar per week.

Offered Spring

SOC 506. Laboratory in Sociological Research. (1 Units)

Co-requisites: SOC 505 is required for Sociology graduate students and recommended for all others. Laboratory exercises in the application of research techniques, including formulation of the research problem, case selection, instrument design, observation, data reduction and processing, analysis, and interpretation. Three hours of laboratory per week.

Offered Spring

SOC 511. Seminar in Social Organizations. (3 Units)

An examination of the basic forms of social organization in historical and comparative perspective. The basic social scientific conceptions of social organization will be compared and contrasted in terms of methodological and policy implications. Three hours of seminar per week.

Offered Fall

SOC 518. Seminar in Marriage and the Family. (3 Units)

A sociological examination of contemporary social issues and changes affecting marriage and family life in American society. Normative and alternative family and marital life styles will be explored. Three hours of seminar per week.

Offered Fall

SOC 529. Seminar in Social Gerontology. (3 Units)

A detailed sociological discussion and presentation of theoretical and methodological issues and problems in the field of social gerontology. Fieldwork will be conducted. Three hours of seminar per week.
Offered Infrequent

SOC 550. Seminar in Interaction Processes. (3 Units)

Experience in both the theoretical and practical study of microsociology. Stress on the small group, with specific concern for problems such as communication, leadership, decision-making, gamesmanship, equilibrium, and change. Relevant research literature reviewed, and laboratory experiments in interaction processes conducted. Three hours of seminar per week.
Offered Spring

SOC 555. Seminar in Sociological Theory. (3 Units)

Prerequisite: SOC 355. A detailed examination of classical and contemporary sociological theory. Three hours of seminar per week.
Offered Fall

SOC 560. Seminar in the Sociology of Racial and Ethnic Relations. (3 Units)

A systematic inquiry into the experience of racial and ethnic minorities in the United States. Analysis of the sociological literature on interethnic relations, ethnic stratification and inequality. Implications for social policy. Three hours of seminar per week.
Offered Spring

SOC 561. Seminar in Aging: Minorities and Special Groups. (3 Units)

Analysis of the situation of the elderly within selected population groups including the black aged, Mexican-American aged, the aging woman, the rural and urban poor aged. Community resource persons will be invited to participate. Three hours of seminar per week.
Offered Infrequent

SOC 563. Seminar in the Sociology of Alcohol and Other Drug Use. (3 Units)

Social scientific approach to chemical substance use, misuse and dependency. Analysis of contemporary and historical definitions of alcohol and drug use. Origin, maintenance and transformation of patterns of drug use. Social responses to abuse and politics of use and abuse. Three hours of seminar per week.
Offered Infrequent

SOC 567. Sem In Sociology Of Law. (3 Units)

Offered Infrequent

SOC 568. Seminar In Criminology. (3 Units)

Analysis of specific issues in criminology. Issues that may be considered include the following: causative theories, major types of crime, formal crime control agencies, and prevention and control. Three hours of seminar per week.
Offered Spring

SOC 569. Seminar in Juvenile Delinquency. (3 Units)

Investigation of the causes, nature and consequences of Juvenile Delinquency from a sociological perspective. Reading and discussion of theoretical studies and empirical research. Three hours of seminar per week.
Offered Fall

SOC 595. Special Topics in Sociology. (3 Units)

A course designed to consider sociological analysis of a variety of special interest topics. The repeatable nature of the course makes it possible for students to work with more than one instructor on a topic of particular interest to the student. Course may be repeated once for a total of 6 units. Three hours of seminar per week.
Offered As needed

SOC 596. Practicum In Teaching Sociolog. (3 Units)

Prerequisite: Classified graduate standing. Supervised experience in teaching Sociology. Techniques and skills appropriate to instruction at the college level. Instructional and evaluative experiences under supervision of sociology faculty. Repeatable for credit for a maximum of six units.
Offered Fall, Spring

SOC 597. Directed Reading. (1-3 Units)

Independent reading under direction of supervising faculty member in Sociology. Repeatable course.
Offered Fall, Spring

SOC 598. Directed Research. (1-3 Units)

Independent research under direction of supervising faculty member in Sociology. Repeatable course.
Offered Fall, Spring

SOC 599. Graduate Capstone in Sociology. (1-5 Units)

Prerequisites: SOC 505, SOC 555, SOC 511 or SOC 550 and Advancement to Candidacy in Sociology Graduate Program is required. Supervised thesis, special project, or comprehensive examination in sociology. Repeatable course.
Offered Fall, Spring

SOC 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their coursework but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.
Offered Fall, Spring

Community Organizing, Certificate

This certificate examines theories and perspectives on organizing with an emphasis on preparing students to bridge differences and become community leaders for social and gender justice. Inequalities of race, class, gender, sexuality, ability, age and citizenship are just some of the differences that shape ways in which organizing is carried out and communities are formed. Through this certificate, students will learn theoretical approaches to organizing and community work and will, through experiential learning in the area of community organizing, apply these theoretical approaches. Furthermore, students are trained in practical aspects of community organizing from managing funds to utilization of technology. An Internships with a community-based organizations in the Los Angeles area will be central to completion of the certificate.

This certificate examines theories and perspectives on organizing with an emphasis on preparing students to bridge differences and become community leaders for social and gender justice. Inequalities of race, class, gender, sexuality, ability, age and citizenship are just some of the differences that shape ways in which organizing is carried out and communities are formed. Through this certificate, students will learn theoretical approaches to organizing and community work and will, through experiential learning in the area of community organizing,

apply these theoretical approaches. Furthermore, students are trained in practical aspects of community organizing from managing funds to utilization of technology. An Internships with a community-based organizations in the Los Angeles area will be central to completion of the certificate.

Requirements

| Code | Title | Hours |
|--|-------------------------|--------------|
| Required Courses | | |
| SOC 335 | Social Movements | 3 |
| SOC 384 | Community Organizing | 3 |
| SOC 496 | Internship in Sociology | 3-6 |
| Electives | | |
| Select one elective Sociology course in consultation with an advisor | | 3 |
| Total Hours | | 12-15 |

Social Research, Certificate

The Undergraduate Certificate in Social Research is designed to qualify recipients to participate fully in all phases of research projects from the initial conceptualization to the final report writing. To qualify for the certificate candidates must demonstrate their competence in conceptualization, research design, sampling design, instrument design, data collection, data analysis and report writing. This program is open to non-sociology majors.

Requirements

| Code | Title | Hours |
|--|--|-----------|
| Required Courses | | |
| SOC 220 | Analytical Statistics ¹ | 4 |
| SOC 303 | Qualitative Methods ¹ | 3 |
| Select one of the following: | | 3 |
| SOC 304 | Computer Applications ¹ | |
| SOC 307 | Micro Computer Data Base Applications in Social Science ¹ | |
| SOC 305 | Methods Of Soc Research ¹ | 4 |
| SOC 355 | Modern Sociological Theories ¹ | 4 |
| Select one of the following: | | 3 |
| SOC 381 | Field Studies in Urban Problems ¹ | |
| SOC 306 | Program Evaluation ¹ | |
| SOC 401 | Inferential Statistics ¹ | 4 |
| SOC 402 | Multivariate Analysis ¹ | 4 |
| Urban Community Research Center | | |
| SOC 302 | Workshop in Social Research ² | 12 |
| Total Hours | | 41 |

¹ May be applied to the major in Sociology.

² Must be taken in the Urban Community Research Center.

Note: Appropriate courses from other disciplines may be substituted with the assistance of an advisor.

Social Research, Graduate Certificate

The Graduate Certificate in Social Research is designed to qualify recipients to supervise researchers in all phases of research projects

from the initial conceptualization to the final report writing. To obtain the certificate, candidates must demonstrate their competence to teach and supervise researchers in conceptualization, research design, sampling design, data collection, data analysis and report writing. Note: The student in the certificate program must meet the admission requirements for the Sociology Master's Degree Program and must maintain a 3.0 ("B") average.

Requirements

| Code | Title | Hours |
|--|--|--------------|
| Required Courses | | |
| Select one of the following: | | 3 |
| SOC 304 | Computer Applications ¹ | |
| SOC 307 | Micro Computer Data Base Applications in Social Science ¹ | |
| SOC 402 | Multivariate Analysis ¹ | 4 |
| SOC 503 | Seminar in Ethnographic Analysis in Sociology ¹ | 3 |
| SOC 505 | Seminar in Sociological Research ¹ | 3 |
| SOC 506 | Laboratory in Sociological Research ¹ | 1 |
| SOC 555 | Seminar in Sociological Theory ¹ | 3 |
| SOC 598 | Directed Research ¹ | 1-3 |
| Urban Community Research Center | | |
| Select 12 units of the following: | | 12 |
| SOC 302 | Workshop in Social Research ² | |
| SOC 502 | Graduate Workshop in Research and Theory ^{2,3} | |
| Total Hours | | 30-32 |

¹ May be applied to the master of arts degree in Sociology.

² Must be taken in the Urban Community Research Center.

³ Must take at least 9 units of SOC 502 Graduate Workshop in Research and Theory.

Note: Appropriate courses from other disciplines may be substituted with consent of advisor.

Sociology, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

Single field major, no minor required.

Major Requirements (42 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|---|-----------|
| Lower Division Required Courses | | |
| SOC 101 or SOC 102 | The Individual In Society Understanding Social Relationships in a Global Perspective | 3 |
| SOC 220 | Analytical Statistics | 4 |
| Upper Division Required Courses | | |
| SOC 305 | Methods Of Soc Research | 4 |
| SOC 309 | Writing Skills in Sociology | 3 |
| SOC 311 | Global Organizations and Social Processes | 3 |
| SOC 340 | Social Psychology: Sociological Perspective | 3 |
| SOC 355 | Modern Sociological Theories | 4 |
| Select six additional upper division courses in sociology with the assistance of an advisor | | 18 |
| Total Hours | | 42 |

Basic Areas of Study

The Sociology Department recommends that each student select an area for the major or minor. At least **six** elective courses should be taken from that chosen area of study (Upon consultation with an advisor a student may elect to substitute another course for one in his/her specialty).

The basic areas of study are as follows:

- Applied Research
- Community Studies
- Criminology and Justice Studies
- Helping Professions
- Social Change in Global Contexts
- Social Inequalities

Applied Research

The applied research area emphasizes practical skills needed to conduct research projects in diverse social settings. Courses cover such topics as statistical analysis, research methods, feminist methods, program evaluation, and ethnographic data analysis. The goal of the area is to provide students with hands-on research experiences from a sociological perspective. Students will gain many of the technical skills needed to conduct community research, program evaluation, and data analysis projects. These skills are increasingly important in non-profit agencies as well as in large university and private research centers.

Select 6 courses from the below list (18-20 units)

| Code | Title | Hours |
|---------|-----------------------------|-------|
| SOC 220 | Analytical Statistics | 4 |
| SOC 302 | Workshop in Social Research | 3 |
| SOC 303 | Qualitative Methods | 3 |
| SOC 304 | Computer Applications | 3 |

| | | |
|---------|---|---|
| SOC 305 | Methods Of Soc Research | 4 |
| SOC 306 | Program Evaluation | 3 |
| SOC 408 | Survey Research | 3 |
| SOC 503 | Seminar in Ethnographic Analysis in Sociology | 3 |

Community Studies

The area of community studies uses multiple methodologies to explore social justice issues in diverse communities. It is designed to provide students with an overview of different approaches to the field. Classes address theories of community, issues in community studies, ethics, and data analysis. Many of the classes include practical fieldwork requirements such as internships, service learning, and research with community partners. This area will prepare students for careers in research, program evaluation, social work, non-profit management, urban planning, and public policy among others.

Select 6 courses from the below list (18 units)

| Code | Title | Hours |
|---------|---|-------|
| SOC 302 | Workshop in Social Research | 3 |
| SOC 306 | Program Evaluation | 3 |
| SOC 326 | Sociology Of Health | 3 |
| SOC 331 | Minority Racial and Ethnic Relations | 3 |
| SOC 334 | Women In Society | 3 |
| SOC 335 | Social Movements | 3 |
| SOC 340 | Social Psychology: Sociological Perspective | 3 |
| SOC 341 | Seminar In Small Groups | 3 |
| SOC 362 | Gangs and Adolescent Subcultures | 3 |
| SOC 363 | Sociology of Alcohol and Other Drug Use | 3 |
| SOC 380 | Urban Sociology | 3 |
| SOC 381 | Field Studies in Urban Problems | 3 |
| SOC 383 | Black Communities: Class, Status and Power | 3 |
| SOC 384 | Community Organizing | 3 |
| SOC 503 | Seminar in Ethnographic Analysis in Sociology | 3 |

Criminology and Justice Studies

This area of study utilizes a social scientific lens to examine various institutions associated with the criminal justice system. Specifically, this area explores criminological theories regarding the etiology of crime, juvenile delinquency, ganging, and deviant behavior as they relate to policing, courts, corrections, and laws. The courses will delve into issues such as social inequality and power relations between correctional institutions and communities. With an emphasis on social justice, this area will give students the tools to analyze these topics from feminist, global, and critical race theory perspectives, preparing students for graduate school, law school, or government employment.

Additionally, students educated within a social justice framework are prepared to contribute to the justice professions through evaluation, research, ethical practice, and dedicated service.

Select 6 courses from the below list (18 units)

| Code | Title | Hours |
|---------|--------------------------------------|-------|
| SOC 331 | Minority Racial and Ethnic Relations | 3 |
| SOC 362 | Gangs and Adolescent Subcultures | 3 |
| SOC 364 | Corrections | 3 |
| SOC 365 | Deviant Behavior | 3 |
| SOC 367 | Sociology Of Law | 3 |
| SOC 368 | Criminology | 3 |

| | | |
|---------|---------------------------------|---|
| SOC 369 | Juvenile Delinquency | 3 |
| SOC 380 | Urban Sociology | 3 |
| SOC 381 | Field Studies in Urban Problems | 3 |

Helping Professions

This area of study looks at the social service resources in the community as they link up with diverse populations in society. Community agencies provide social services, mental health services and health services as they interface with ethnic communities, the elderly and families from all walks of life. Understanding the theories of helping and the methods of service delivery become important in assessing the effectiveness of social agencies. Community fieldwork and hands-on experience at agencies provide the student with opportunities to view the function of these agencies and their purpose in serving communities.

Select 6 courses from the below list (18 units)

| Code | Title | Hours |
|---------|--|-------|
| SOC 306 | Program Evaluation | 3 |
| SOC 316 | Sociology Of Adult Life: Aging | 3 |
| SOC 320 | The Family | 3 |
| SOC 326 | Sociology Of Health | 3 |
| SOC 328 | Social Agencies: Practice and Power | 3 |
| SOC 363 | Sociology of Alcohol and Other Drug Use | 3 |
| SOC 381 | Field Studies in Urban Problems | 3 |
| SOC 383 | Black Communities: Class, Status and Power | 3 |
| SOC 384 | Community Organizing | 3 |
| SOC 386 | Sociology of the Helping Professions | 3 |

Social Change in Global Contexts

This area of study focuses on the relationship between global processes (political, economic, and cultural) and social institutions and communities. Students will develop analytical skills that pertain to the changing social environments on a local, regional, and global level. This area highlights how collective and individual social factors shape and are shaped by the shifting conditions brought about by globalization. The goal of this area is to prepare students for further study in the area of global studies as well as careers in which knowledge of the global dimensions of social life are required. Topics included but are not limited to: the social impact of immigration, the environment, labor issues, race, gender, sexuality, ethnicity, human rights, and new forms of citizenship and governance.

Select 6 courses from the below list (18 units)

| Code | Title | Hours |
|---------|---|-------|
| SOC 311 | Global Organizations and Social Processes | 3 |
| SOC 315 | Sociology Of Work | 3 |
| SOC 321 | Sociology Of Education | 3 |
| SOC 326 | Sociology Of Health | 3 |
| SOC 334 | Women In Society | 3 |
| SOC 335 | Social Movements | 3 |
| SOC 384 | Community Organizing | 3 |
| SOC 387 | Theory and Research in Globalization | 3 |

Social Inequalities

This area of study focuses on forms of racial formation, the social construction of gender and inequality, class and domination and subordination. Students will develop the skills to critically understand the intersections of race, class, gender, sexualities, citizenship and inequalities that shape social lives. Furthermore, students will acquire an

understanding of resistance and social movements aimed at addressing inequalities. The study of social inequalities prepares students for a wide range of careers where sensitivity to diversity and advocacy are called for.

Select 6 courses from the below list (18 units)

| Code | Title | Hours |
|---------|--|-------|
| SOC 311 | Global Organizations and Social Processes | 3 |
| SOC 321 | Sociology Of Education | 3 |
| SOC 322 | Social Environment of Education | 3 |
| SOC 327 | Sociology of Sports | 3 |
| SOC 331 | Minority Racial and Ethnic Relations | 3 |
| SOC 334 | Women In Society | 3 |
| SOC 335 | Social Movements | 3 |
| SOC 362 | Gangs and Adolescent Subcultures | 3 |
| SOC 383 | Black Communities: Class, Status and Power | 3 |
| SOC 384 | Community Organizing | 3 |

Program Learning Outcomes

1. Sociology department seeks to provide the appropriate learning contexts that will enhance students' basic skill in writing, reading and critical thinking
2. Introduce students to a sociological perspective ie to conceptualize and theorize sociologically
3. To instruct students to rigorously qualitative and quantitative research methods and recognize the importance of linking method to theory
4. To cultivate in students in students an appreciation of how strong academic skills can enhance career opportunities and serve community needs
5. To inform students of the importance of personal and professional ethics.
6. Evaluate the validity and reliability of data
7. Design and Execute a research project
8. Write and clear sociological analysis
9. Demonstrate the difference between theory and methods
10. Ability to conduct statistical analysis

4- Year Roadmap

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| GE Area A2 Composition I | | 3 |
| SOC 101 or SOC 102 | The Individual In Society or Understanding Social Relationships in a Global Perspective | 3 |
| GE Area C or D | | 3 |
| GE Area C | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| HIS 101 | History Of United States | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C | | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |

| Second Year | | |
|---|---|------------|
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| SOC 220 | Analytical Statistics | 4 |
| Hours | | 14 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| POL 101 | American Institutions | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| SOC 309 | Writing Skills in Sociology | 3 |
| SOC 311 | Global Organizations and Social Processes | 3 |
| SOC 355 | Modern Sociological Theories | 4 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| Hours | | 16 |
| Spring | | |
| SOC 305 | Methods Of Soc Research | 4 |
| SOC 340 | Social Psychology: Sociological Perspective | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| Fall | | |
| Major Elective | | 3 |
| Major Elective | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Spring | | |
| Major Elective | | 3 |
| Major Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| SOC 305 | Methods Of Soc Research | 4 |
| SOC 309 | Writing Skills in Sociology | 3 |
| SOC 311 | Global Organizations and Social Processes | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Elective | | 3 |
| Hours | | 16 |
| Spring | | |
| SOC 340 | Social Psychology: Sociological Perspective | 3 |
| SOC 355 | Modern Sociological Theories | 4 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |

| | | |
|---|---|-----------|
| Major Elective | 3 | |
| Elective to meet 120 units | 3 | |
| Hours | | 16 |
| Second Year | | |
| Fall | | |
| GE Area D3 Integrative Studies in the Social Sciences | 3 | |
| Major Elective | 3 | |
| Major Elective | 3 | |
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 3 | |
| Hours | | 15 |
| Spring | | |
| Major Elective | 3 | |
| Major Elective | 3 | |
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 3 | |
| Elective to meet 120 units | 1 | |
| Hours | | 13 |
| Total Hours | | 60 |

Sociology, Master of Arts Graduate Studies in Sociology

The department offers an established graduate program leading to the Master of Arts in Sociology. The program is designed to provide all students with a strong foundation in sociological theory and research methodology. The graduate program is designed to allow for a substantial degree of student choice. Students may choose a macro or micro-based program of study and select from several areas for further specialization or experience. These areas include, but are not restricted to, such concentrations as community studies; family; race and ethnicity; social research; sociology of education; law and society; criminology and deviance; and general sociology. Finally, students may choose one option to complete their graduate study program: comprehensive exam, thematic project, or thesis. Students with an interest in applied fields the degree are encouraged to complete via project or comprehensive examination. Those with research interests or who may wish to pursue advanced graduate study toward a doctoral degree are encouraged to opt for the thesis or thematic project options. All students are encouraged to take their learning outside of the classroom to prepare for graduate education and career development.

The Department of Sociology has an established record of success in graduate education. Many of the department's graduates have found careers in research, teaching, higher education, nonprofit and public service sectors, evaluation research, and a wide range of other fields. Special emphasis is placed on practical and policy-relevant research participation by graduate students. Students are encouraged to take an active role in the department, the discipline, and the wider community. Students may participate in one or more of the many advanced forms of social scientific research, including evaluation research, social impact analysis, ethnographic field research, internships, or teaching practicums.

Requirements

Admissions Requirements and Procedures

To be considered for admission to the Sociology Graduate Program, applicants must complete the appropriate forms and pay the established fees through the Office of Admissions. Successful applicants must possess a bachelor's degree from an accredited college or university and a grade point average of 3.0 in the last 60 semester units (90 quarter

units) of upper division undergraduate course work (excluding units earned in extension studies). The applicant should have two letters of recommendation forwarded to the program coordinator. Applicants not possessing the above qualifications may apply directly to the Sociology Graduate Committee for special consideration.

Only those applicants who show promise of success and fitness will be admitted to the graduate program, and only those who continue to demonstrate a satisfactory level of scholastic competence and fitness shall be eligible to continue in the program.

Requirements for Classified Standing

To become classified in the Sociology Graduate Program, a student must demonstrate a background in social science theory and methods. This usually entails a theory and a methods course taken at the undergraduate level. Students in need of this exposure will be required to take appropriate undergraduate theory and/or methods course(s) in order to be classified. Students eligible for classification should contact the graduate coordinator.

Requirement for Advancement to Candidacy

Candidacy status denotes the successful completion of a major portion of the graduate academic program.

To be advanced to candidacy students must have completed the following:

1. Meet graduate writing assessment requirement
2. The following core courses with a minimum grade of "B" in each course

| Code | Title | Hours |
|--------------------|-------------------------------------|-----------|
| SOC 505 | Seminar in Sociological Research | 3 |
| SOC 506 | Laboratory in Sociological Research | 1 |
| SOC 511 | Seminar in Social Organizations | 3 |
| or SOC 550 | Seminar in Interaction Processes | |
| SOC 555 | Seminar in Sociological Theory | 3 |
| Total Hours | | 10 |

3. Completion of two additional graduate seminars in sociology with a minimum grade point average of 3.0
4. Approval of the student's eligibility for the comprehensive exam by the graduate coordinator; or
5. Approval of a thesis or thematic project proposal by a committee consisting of at least two members of the full-time faculty of the sociology department. Proposals are submitted in writing and the title is registered with the department

Degree Requirements

General Sociology Option (30 units)

| Code | Title | Hours |
|---|---|-------|
| Required Core Courses ¹ | | |
| SOC 505 | Seminar in Sociological Research ² | 3 |
| SOC 506 | Laboratory in Sociological Research | 1 |
| SOC 555 | Seminar in Sociological Theory ² | 3 |
| SOC 511 | Seminar in Social Organizations | 3 |
| or SOC 550 | Seminar in Interaction Processes | |
| Electives | | |

Complete 20 additional units from sociology course offerings (a maximum of nine units may be taken from 300 or 400 level courses and only with the consent of the graduate coordinator)³

Additional Requirement

Complete one of the following:

| | |
|--------------------|-----------|
| Comprehensive Exam | |
| Thesis | |
| Thematic project | |
| Total Hours | 30 |

¹ Core courses must be completed with an overall grade point average of 3.0 or better with no grade lower than a "B".

² Classified students are required to take this course during their first year in the program.

³ At least three units should be graduate seminars, those students selecting the thesis or the project may include five units of SOC 599 Graduate Capstone in Sociology. Those students selecting the comprehensive examination option must include two units of SOC 599 Graduate Capstone in Sociology.

Research Skills Option (30 units)

The following courses are prerequisites and must be completed before classified standing in the program will be granted.

| Code | Title | Hours |
|----------------------|---|----------|
| Prerequisites | | |
| SOC 304 | Computer Applications | 3 |
| or SOC 307 | Micro Computer Data Base Applications in Social Science | |
| SOC 402 | Multivariate Analysis | 4 |
| Total Hours | | 7 |

Research Skills Option: This option will also satisfy requirements for the Graduate Research Certificate.

| Code | Title | Hours |
|-------------------------------------|---|--------------|
| Core Courses | | |
| SOC 505 | Seminar in Sociological Research | 3 |
| SOC 506 | Laboratory in Sociological Research | 1 |
| SOC 555 | Seminar in Sociological Theory | 3 |
| SOC 511 | Seminar in Social Organizations | 3 |
| or SOC 550 | Seminar in Interaction Processes | |
| Required Courses | | |
| SOC 503 | Seminar in Ethnographic Analysis in Sociology | 3 |
| Complete 12 units of the following: | | 12 |
| SOC 502 | Graduate Workshop in Research and Theory ¹ | |
| SOC 302 | Workshop in Social Research | |
| SOC 598 | Directed Research | 1-3 |
| Total Hours | | 26-28 |

¹ Must take at least nine units in SOC 502 Graduate Workshop in Research and Theory.

Additional requirements:

1. Serve as project director (or co-director) of a selected Urban Community Research Center sponsored project for the minimum of

one term and the submission of an approved written report of the project

2. A grade point average of 3.0 or better in graduate study

1.

Master's Requirement

In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)."

Outdated Coursework

Students usually complete the program within two or three years. However, some students do not maintain continuous attendance and, hence, take considerably longer. Students must complete the entire program within seven years. Courses taken in the eighth year are subject to a validation process. According to California State University policy, courses taken more than eight years before the student graduates must be repeated. Consult the general regulations regarding "outdated coursework" elsewhere in the catalog.

- Demonstrate responsible ethical and professional conduct related to sociological research and in professional life.
- Demonstrate advanced writing skills reflective of sociological styles (e.g. research papers, literature reviews, research proposal, or program evaluations) at the graduate level.
- Demonstrate skills designed to contribute to the development of their discipline or profession at the economic, social and civic policy levels.
- Demonstrate an ability to perform independently, both intellectually and professionally, within sociology at a graduate level.
- Demonstrate an ability to express advanced ideas orally at a graduate level.
- Engage in research, scholarly or creative activity within sociology or make meaningful contributions to field of sociology at a graduate level.

Sociology, Minor Requirements

Five courses selected upon advisement (a maximum of three lower division units may apply toward the minor). The department also provides advisors who pay particular attention to the professional needs of students working in the technical, administrative and business fields. Minor areas may be "tailor-made" to meet the specific educational interests and career needs of students (see previous academic advisement section).

Spanish

College of Arts and Humanities

Department of Modern Languages (<https://www.csudh.edu/modern-languages/>)

Program Description

The Spanish Language has become an important global language and those who hold a degree in Spanish are of an invaluable asset in California, across the country, and the world. Over 534 million people worldwide speak Spanish as a first and second language. More than 41

million people in the U.S. speak Spanish. The US Census Bureau reports that the population of Latino origin is expected to jump to 119 million by 2060.

Moreover, the employment opportunities for Spanish majors continue to grow with both the passage of Proposition 58, which removes restrictions on bilingual education programs for California and the Global California 2030 Initiative which calls for the expansion of the teaching and learning of world languages and the number of in more than one language over the next 12 years.

Spanish Programs

The Department of Modern Languages offers students a Spanish major with two concentration options: Linguistics or Literature. Both options prepare students who intend to teach Spanish in high schools and students who plan to continue their studies in graduate school either in the academic fields of Spanish Linguistics, Romance Linguistics, Spanish Literature, and Latin American literature. Additionally, the B.A. in Spanish also provides opportunities for employment to those who want to become:

1. academic counselor,
2. criminal justice administrator,
3. customs inspector,
4. importer/exporter,
5. international marketing representative,
6. international student advisor,
7. interpreter or translator,
8. language consultant
9. lawyer,
10. librarian,
11. NGO employee, etc.

Additionally, the Department offers four Minors in Spanish:

1. Spanish Culture,
2. Spanish Grammar and Writing,
3. Spanish Linguistics and
4. Spanish Literature.

These minors complement and enhance all majors. It is particularly useful to students majoring in business, in the public and health service fields, in paralegal work, criminal justice, etc.

Due to the passage of Proposition 58, the most urgent need for majors in Spanish is in public-school teaching, from K-12. For students who plan to teach at the elementary level and who are majoring in Liberal Studies, the Spanish program offers a Spanish option and the Bilingual Authorization. The Spanish option in Liberal Studies provides an in-depth study of Spanish. This option is particularly helpful for those potential elementary teachers who intend to seek bilingual certification.

The Bilingual Authorization is an additional program that students of the Multiple and Single Subject Credential Programs can add to their teaching credentials. This Bilingual Authorization permits candidates and teachers to teach in a K-12 bilingual immersion setting. The Subject Matter Preparation Program in Spanish (also known as the Single Subject Waiver Program in Spanish) is designed for students who plan to teach the Spanish language at the secondary school level. Additionally,

the Spanish Subject Matter Authorization is designed for teachers who would like to teach Spanish in middle school.

Academic Advisement

The Department of Modern Languages is eager to provide all its students with the advisement they will need to continue their studies in a modern language. An advisor is vital in choosing the Spanish course best suited to the background and needs of each student. Students must see an advisor upon admission, upon completion of 60-semester units, and during the first semester of the senior year.

Preparation

High school students who plan to major or minor in Spanish are encouraged to take at least two years of Spanish in high school. Students who have taken AP Spanish, French or Japanese may receive credit for some lower-division courses.

Community college transfer students planning to take upper-division Spanish courses at CSU Dominguez Hills should have completed four semesters of college-level Spanish successfully. All students are required to take SPA 280. Those who have taken fewer than four semesters of Spanish in a community college will be placed at an appropriate level by means of advisement.

Student Organizations

Sigma Delta Pi: Membership in our Nu Psi Chapter of Sigma Delta Pi, the Spanish National Honorary Society, is open to students who have completed at least 18 upper-division semester units in Spanish including at least one upper-division course in literature or culture, and who have a 3.0-grade point average in all classes, including a 3.0-grade point average in all Spanish courses. Sigma Delta Pi seeks to honor those who seek and attain excellence in the study of Spanish language, literature, and culture; to honor those who strive to make Hispanic contributions to modern culture better known in the world in general; to encourage college students to acquire a greater interest in and deeper understanding of Hispanic culture, and to foster friendly relations and mutual respect between Spanish speaking nations and other peoples of the world. Students interested in applying for membership should consult the Department of Modern Languages chair.

Graduation With Honors

An undergraduate student may graduate with Honors in Spanish provided that the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Undergraduate Programs

Bachelor

- Spanish, Bachelor of Arts (p. 831)

Minor

- Spanish Culture, Minor (p. 830)
- Spanish Grammar and Writing, Minor (p. 830)
- Spanish Linguistics, Minor (p. 830)
- Spanish Literature, Minor (p. 831)

Certificate

- PRE-SERVICE TEACHER BILINGUAL AUTHORIZATION IN SPANISH, CERTIFICATE (p. 829)

Graduate Programs Subject Matter Preparation

- Spanish, Subject Matter Preparation (p. 834)

Faculty

Benito Gómez, Department Chair
Yulder Daza, Miguel Domínguez, Michael Galant, Ivonne Heinze-Balcazar, Claudia Mendoza Diaz, and Cynthia Villanueva.

Modern Languages Department Office: LCH C-308, (310) 243-3315

Emeriti Faculty

Richard Beym, José S. Cuervo, Frances Lauerhass, Porfirio Sánchez, Luz Watts

Courses

SPA 110. Beginning Spanish I. (3 Units)

Prerequisite: Grade of C or better in SPA 100. Basic instruction in Spanish. Training in speaking, listening, reading, and writing for students who have had no previous work in Spanish.
Offered Fall, Spring, All terms

SPA 111. Beginning Spanish II. (3 Units)

Prerequisite: SPA 305 or equivalent. Translation from Spanish to English and English to Spanish with practical application for journalistic, advertising, commercial, and governmental activities. Introduction to the art of consecutive translation.
Offered Fall, Spring, All terms

SPA 115. Intensive Beginning Spanish. (6 Units)

Prerequisite: Grade of C or better in SPA 100. An accelerated course in beginning Spanish; emphasis on speaking and listening comprehension. Development of elementary reading and writing skills. Active participation and engagement. The equivalent of SPA 110 plus SPA 111.
Offered Infrequent

SPA 151. Introduction to Hispanic Culture. (3 Units)

Introduction to Hispanic Culture. A designated geographical area studies course focusing on patterns of culture in the Spanish-speaking world. Topics will vary from semester to semester; for example, Mexico and the Southwestern U.S., or Contemporary Spain. Conducted in English.
Offered Fall, Spring

SPA 220. Intermediate Spanish I. (3 Units)

Prerequisite: SPA 111 or equivalent. A continuation of Spanish 111, with emphasis on oral communication skills.
Offered Fall, Spring, All terms

SPA 221. Intermediate Spanish II. (3 Units)

Prerequisite: SPA 220 or equivalent. A continuation of Spanish 220, with emphasis on reading and writing.
Offered Fall, Spring

SPA 230. Spanish Conversation. (3 Units)

Intermediate-level Spanish conversation with special emphasis on increasing the oral proficiency of second-language learners of Spanish. Conversational functions practiced will include describing and identifying people, places, things and events, requesting and providing information, and expressing opinions. Students will be exposed to various aspects of Spanish-speaking cultures.
Offered Fall

SPA 280. Grammar for Spanish Composition. (3 Units)

Students advance their knowledge of Spanish grammar in the areas of orthography, accentuation, punctuation, parts of speech, verb morphology, sentence types. Students will study essay types, with an emphasis on narration.
Offered Fall, Spring

SPA 302. Business Spanish. (3 Units)

The principal objective of this course is to prepare students to use Spanish for business. Topics for this course include: 1) informal vs. formal Spanish; 2) the communicative purpose: informative vs persuasive presentations; 3) technology and business; 4) the language of finance; 5) legal language for business; and 7) ethical considerations and their reflection on language use.
Offered Spring

SPA 305. Advanced Composition, Syntax and Stylistics I. (3 Units)

Prerequisite: SPA 280 or equivalent. A reading, composition, and discussion course concerned with elements of style and syntax, with emphasis on expository and argumentative writing by the students.
Offered Fall, Spring

SPA 306. Advanced Composition, Syntax and Stylistics II. (3 Units)

Prerequisite: SPA 280 or equivalent is required. A reading, composition and discussion course that focuses on expository writing and literary or linguistic analysis. Three hours of lecture per week.
Offered Fall, Spring

SPA 310. Romantic Love in the Western Tradition. (3 Units)

Students evaluate the construct of love using historical, aesthetic, and social perspectives, how it defines psychological patterns, develops styles in literature, is the center of some philosophical approaches, and is linked to values and ethical definitions in contemporary movements.
Offered Infrequent

SPA 311. Structure Of Spanish. (3 Units)

Prerequisite: SPA 280. An analysis of the sounds, formations, and routines of the language, focusing on global characteristics of Spanish that English speakers need to acquire. Selected language acquisition problems of English speakers featured.
Offered Fall

SPA 312. Hispanic Literature, Art and Culture. (3 Units)

Historical development and the cultural artistic production created by Hispanic authors and artists through an interdisciplinary perspective. Study of artwork, historical texts, music, and literature to expand by discussing the links of cultural production that develop in Latin America.
Offered Spring

SPA 313. Encountering the Other. (3 Units)

Analysis of major contemporary issues will be undertaken from a humanistic perspective about encountering the other in the Western tradition. Historical, literary, musical, philosophical, and art works will be introduced to develop critical thinking about how diverse groups interact.
Offered Spring even

SPA 318. Movements of Latin America. (3 Units)

This interdisciplinary and pluricultural course introduces students to the contemporary social and sociolinguistic movements of Latin America. It analyzes the indigenous movements for linguistic and cultural rights, and populist movements and other movements through their cultures, narratives, rhetoric, and discourse.
Offered Fall, Spring, Summer

SPA 330. Interpreting Hispanic Literature. (3 Units)

Prerequisite: SPA 305. Analysis and interpretation of representative Hispanic prose, poetry, and drama.
Offered Fall

SPA 340. Practical Spanish for Interpreters and Translators. (3 Units)

Intensive study of a single author, a literary movement, a literary genre, or a single literary work, or an issue/topic in linguistics. Repeatable with different topics for credit. Three hours of seminar per week.
Offered Spring

SPA 341. Advanced Conversation. (3 Units)

Prerequisite: SPA 221 or equivalent. Intensive conversation leading to fluency in the use of academic Spanish. The course aims to develop a comprehensive vocabulary which prepares the student for persuasive and oratory speeches, as well as for upper division linguistics and literature courses. Useful for public service and the bilingual/cross-cultural credential program.
Offered Fall, Spring

SPA 350. Contemporary Hispanic Culture: Spain. (3 Units)

Prerequisite: SPA 280 or equivalent, or concurrent enrollment. An area studies course focusing on patterns of culture in contemporary Spain .
Offered Spring

SPA 351. Contemporary Hispanic Culture: Spanish-Speaking America. (3 Units)

Prerequisite: SPA 280 or equivalent, or concurrent enrollment. A designated geographical area studies course focusing on patterns of culture in the Spanish-speaking world. Specific topics may vary from semester to semester. Norms, intergroup relations, institutions, language, and societal values of rural and urban people.
Offered Infrequent

SPA 353. Cinema of the Spanish-Speaking World. (3 Units)

Prerequisites: SPA 280 and SPA 305 are required. SPA 351 is recommended. This course is designed to introduce students to the cultures and societies of Spain and Latin America through the cinematic work of Spanish-speaking film productions.
Offered Fall

SPA 398S. Directed Research in Spanish. (1-3 Units)

Offered Infrequent

SPA 400. Teaching School Subject Matter in Spanish. (3 Units)

Prerequisite: Knowledge of Spanish or consent of instructor. Vocabulary and materials used in elementary or secondary schools for teaching reading, writing, mathematics, science, and social studies in Spanish. Aspects and problems of language acquisition and linguistic transitions made by English speakers acquiring Spanish proficiency. Required for credential candidates.
Offered Fall, Spring

SPA 414. Spanish Phonology. (3 Units)

Prerequisite: SPA 311. A beginning course in the segmental and suprasegmental phonetic systems: phonological pronunciation phenomena of standard and regional Spanish.
Offered Spring

SPA 430. Spanish Morphology. (3 Units)

In-depth introduction to selected topics of Morphology. Topics include inflection, derivation, and compounding, as well as the relation of morphology to phonology, syntax and the lexicon.
Offered Fall

SPA 435. A Sociolinguistic Approach to Chicano/Latino Dialect. (3 Units)

Identification of characteristic linguistic difficulties of Spanish-speaking children correlated to social-cultural background. Contrastive analyses of the linguistic competencies and performances for these children learning English. Repeatable course.
Offered Infrequent

SPA 440. Spanish Syntax. (3 Units)

Study of the formation and structure of phrases, clauses, and sentences in Spanish, informed by the Generative Syntax theoretical framework.
Offered Fall

SPA 450. History of the Spanish Language. (3 Units)

History of the development of the Spanish language from Vulgar Latin to the present.
Offered Fall

SPA 453. Literature Of Spain. (3 Units)

Prerequisites: SPA 330. Readings and analysis of Spanish literary works in all genres. Topic varies from semester to semester. Repeatable course.
Offered Fall

SPA 454. Cervantes: Don Quijote. (3 Units)

Prerequisite: SPA 330 or equivalent. Reading and analysis of the major work of Spanish literature.
Offered Spring

SPA 456. Literature of Spanish America. (3 Units)

Prerequisites: SPA 330. Readings and analysis of selected works of Spanish American literature. Course content may cover a single country or a literary movement or genre as represented in various Spanish American countries. Topic varies from semester to semester. Repeatable course.
Offered Fall, Spring

SPA 461. Lecturas Mexicanas y Chicanas. (3 Units)

Reading and analysis of Mexican and Chicano literary works in all genres. Specific genre and country will vary from semester to semester. Three hours of lecture per week.
Offered Spring

SPA 490. Seminar in Special Topics in Literature and Linguistics. (3 Units)

Prerequisite: SPA 305, SPA 306, SPA 311, SPA 330, SPA 340, SPA 350, SPA 351 are required. Intensive study of a single author, a literary movement, a literary genre, or a single literary work, or an issue/topic in linguistics. Repeatable with different topics for credit. Three hours of seminar per week.
Offered Spring

SPA 494. Independent Study. (3 Units)

Prerequisites: B average in Spanish; consent of instructor and department chair. Independent study of a literary or linguistic problem, an author, or a literary movement. Repeatable course.
Offered Fall, Spring

SPA 495. Special Topics in Spanish. (3 Units)

Prerequisites: Senior Standing and consent of the instructor. Intensive study of a topic in Spanish literature, linguistics or culture. May be repeated with a different topic for up to six units.
Offered Infrequent

SPA 498. Directed Research in Spanish. (1-3 Units)

Offered Infrequent, All terms

SPA 594S. Independent Study. (1-3 Units)

Prerequisites: Consent of department chair and faculty advisor. In consultation with a faculty member, the student will investigate, in detail, current scholarship in selected area(s) or will undertake a project involving original research or creative study. Repeatable course.
Offered Infrequent

SPA 595. Special Topics in Spanish. (3 Units)

Prerequisites: Two upper division courses in Spanish Literature, two upper division courses in Spanish Linguistics, or consent of the instructor. Intensive study of a topic of current interest to the disciplines of Spanish Literature and Spanish Linguistics. Topic and content will vary each term. New topics will be offered each term. Course may be repeated with different topic.
Offered Infrequent

SPA 597S. Directed Reading. (1-3 Units)

Prerequisites: Consent of department chair and faculty advisor. Extensive reading in selected areas under the guidance of a faculty member. Repeatable course.
Offered Infrequent

SPA 599S. Final Project. (3 Units)

Offered Infrequent

PRE-SERVICE TEACHER BILINGUAL AUTHORIZATION IN SPANISH, CERTIFICATE

Preliminary Credential Bilingual Authorization Applicants (Spanish)

Bilingual Authorization applicants must demonstrate language competencies in Spanish by **one** of the following methods:

1. Completion of SPA 280 Grammar for Spanish Composition and SPA 341 Advanced Conversation, with grade expectations adhering to the departmental policy (e.g., Liberal Studies, Teacher Education, Special Education).
2. Passing score on CSET: Subtest III. (See CSET Website: <http://www.ctcexams.nesinc.com> (<http://www.ctcexams.nesinc.com/>));

Bilingual applicants must demonstrate methods competencies through two courses: TED 439 and TED 440 (add course titles)

1. Multiple Subject candidates will enroll in the bilingual sections of TED 403 Elementary Reading/Language Arts I: K-3, TED 410 Elementary Mathematics Methods, TED 416 Elementary Science Methods, and TED 412 Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom, when available.

Bilingual Authorization applicants must demonstrate bilingual/dual language practicum competencies for at least 20 hours in a clinical practice setting (i.e., TED 433/453 or during your university internship).

Bilingual Authorization Alternate Pathways

1. Masters in Education, Option: Dual Language Learning (31 units)
2. Certificate – Dual Language Learning (12 units)

Note: Bilingual Authorization applicants must demonstrate bilingual/dual language practicum competencies for at least 20 hours in a clinical practice setting

Classified Standing

Successful admission to the university with the following conditions:

- Candidates who satisfy all the requirements for university and program admission will be admitted with Classified Standing.
- Candidates accepted with Conditional Standing will have one semester to meet the conditions for Classified Standing

For details about the requirements for the Bilingual Authorization, visit the link below.

- Pre-Service Teacher Bilingual Authorization in Spanish, Certificate (p. 865)

Spanish Culture, Minor

Required courses and electives (12 units)

| Code | Title | Hours |
|--|---|-----------|
| Lower Division Required Course (3 units) | | |
| SPA 151 | Introduction to Spanish-Speaking Cultures | 3 |
| Upper Division Required Courses (6 units) | | |
| SPA 350 | Contemporary Culture of Spain | 3 |
| SPA 351 | Contemporary Culture of Spanish-Speaking America | 3 |
| Electives – Choose 1 of the following courses (3 units) | | |
| SPA 310 | Romantic Love in the Western Tradition | 3 |
| SPA 312 | Literature, Art and Culture of Spanish-Speaking Countries | 3 |
| SPA 318 | Movements of Latin America | 3 |
| SPA 353 | Cinema of the Spanish-Speaking World | 3 |
| SPA 435 | A Sociolinguistic Approach to Chicano/Latino Dialect | 3 |
| Total Hours | | 24 |

¹ Students without sufficient proficiency in Spanish will need to take beginning and/or intermediate Spanish courses prior to taking the courses for the minor, chosen with the guidance of an advisor.

Students choosing this minor may also complete the BA in Spanish in the Literature and Linguistics Option or the Spanish for the Professions Option. If they choose to do so, they may count SPA350 and SPA351 towards both this minor and the BA.

Spanish Grammar and Writing, Minor

Requirements

| Code | Title | Hours |
|-------------------------------|-----------------------------------|-------|
| Lower Division Courses | | |
| Prerequisite Courses: | | 0-12 |
| SPA 110 | Beginning Spanish I ¹ | |
| SPA 111 | Beginning Spanish II ¹ | |

| | | |
|--|--|--------------|
| SPA 220 | Intermediate Spanish I ¹ | |
| SPA 221 | Intermediate Spanish II ¹ | |
| Required Course: | | |
| SPA 280 | Grammar for Spanish Composition ^{2,3} | 3 |
| Upper Division Required Courses | | |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| Total Hours | | 15-27 |

¹ Prerequisite Course, taken as needed - those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² The Modern Languages Department strongly recommends those students who need additional fluency in Spanish to travel to a Spanish-speaking country (under the guidance of an advisor) or to take SPA 230 Spanish Conversation before they take this course.

³ All Spanish Literature minors must take this course at CSUDH.

Spanish Linguistics, Minor

Requirements

| Code | Title | Hours |
|--|--|--------------|
| Prerequisite Courses | | |
| Spanish Language Acquisition: | | 0-12 |
| SPA 110 | Beginning Spanish I ¹ | |
| SPA 111 | Beginning Spanish II ¹ | |
| SPA 220 | Intermediate Spanish I ¹ | |
| SPA 221 | Intermediate Spanish II ¹ | |
| Spanish Grammar and Composition: | | 0-6 |
| SPA 280 | Grammar for Spanish Composition ^{2,3} | |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | |
| Upper Division Required Courses | | |
| SPA 311 | Structure Of Spanish ⁴ | 3 |
| SPA 414 | Spanish Phonology | 3 |
| SPA 430 | Spanish Morphology | 3 |
| SPA 440 | Spanish Syntax | 3 |
| Total Hours | | 12-30 |

¹ Prerequisite Course, taken as needed - those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² The Modern Languages Department strongly recommends those students who need additional fluency in Spanish to travel to a Spanish-

speaking country (under the guidance of an advisor) or to take SPA 230 Spanish Conversation before they take this course.

³ All Spanish Linguistics minors must take this course at CSUDH.

⁴ Students who take this course but apply it towards their major must take the following course for the minor: SPA 450 History of the Spanish Language.

Spanish Literature, Minor

Requirements

| Code | Title | Hours |
|---|--|-----------|
| Prerequisite Courses | | |
| Spanish Language Acquisition: | | |
| SPA 110 | Beginning Spanish I ¹ | 3 |
| SPA 111 | Beginning Spanish II ¹ | 3 |
| SPA 220 | Intermediate Spanish I ¹ | 3 |
| SPA 221 | Intermediate Spanish II ¹ | 3 |
| Spanish Grammar and Composition: ² | | |
| SPA 280 | Grammar for Spanish Composition ^{3,4} | 3 |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| Upper Division Required Courses | | |
| SPA 330 | Interpreting Hispanic Literature ⁵ | 3 |
| SPA 453 | Literature Of Spain | 3 |
| SPA 456 | Literature of Spanish America | 3 |
| SPA 461 | Lecturas Mexicanas y Chicanas | 3 |
| Total Hours | | 30 |

¹ Students take beginning and intermediate Spanish courses as needed; those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² These courses, which are also required for the Spanish major, are necessary for continuation to the Spanish literature courses in this minor.

³ The Modern Languages Department strongly recommends those students who need additional fluency in Spanish to travel to a Spanish-speaking country (under the guidance of an advisor) or to take SPA 230 Spanish Conversation before they take this course.

⁴ All Spanish Linguistics minors must take this course at CSUDH.

⁵ Students who take this course but apply it towards their major must take the following course for the minor: SPA 454 Cervantes: Don Quijote.

Spanish Option under the B.A. in Liberal Studies (12-24 units)

(for major requirements, refer to the Liberal Studies section in this catalog)

Requirements

| Code | Title | Hours |
|--|--|--------------|
| Lower Division Courses | | |
| SPA 110 | Beginning Spanish I ¹ | 0-3 |
| SPA 111 | Beginning Spanish II ¹ | 0-3 |
| SPA 220 | Intermediate Spanish I ¹ | 0-3 |
| SPA 221 | Intermediate Spanish II ¹ | 0-3 |
| SPA 280 | Grammar for Spanish Composition ² | 3 |
| Upper Division Required Courses | | |
| SPA 341 | Advanced Conversation ² | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America ² | 3 |
| SPA 435 | A Sociolinguistic Approach to Chicano/Latino Dialect ² | 3 |
| Total Hours | | 12-24 |

¹ Note: Students take beginning and intermediate Spanish courses as needed - those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² Must take a CSUDH.

Spanish, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Minor Requirements

While the department does not require a minor for graduation, it is strongly suggested that the student consider one in consultation with an advisor.

Major Requirements (39-51 units)

Common Core Requirements

| Code | Title | Hours |
|---|----------------------------------|-------|
| Lower Division Required Courses (0-3 units) ¹ | | |
| SPA 110 | Beginning Spanish I ¹ | 3 |

| | | |
|---------|--|---|
| SPA 111 | Beginning Spanish II ¹ | 3 |
| SPA 220 | Intermediate Spanish I ¹ | 3 |
| SPA 221 | Intermediate Spanish II ¹ | 3 |
| SPA 280 | Grammar for Spanish Composition ^{2,3} | 3 |

Upper Division Required Common Core Courses

| | | |
|---------|---|---|
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 330 | Interpreting Hispanic Literature | 3 |
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| SPA 350 | Contemporary Hispanic Culture: Spain | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |

Total Hours **36**

¹ Students take beginning and intermediate Spanish courses as needed; those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² The Modern Languages Department strongly recommends those students who need additional fluency in Spanish to travel to a Spanish-speaking country (under the guidance of an advisor) or to take SPA 230 Spanish Conversation before they take this course.

³ All Spanish majors must take this course at CSUDH.

Linguistics Option (39-51 units)

| Code | Title | Hours |
|--|---|--------------|
| Common Core Requirements | | |
| Complete common core courses | | 24-36 |
| Upper Division Required Courses | | |
| SPA 414 | Spanish Phonology | 3 |
| SPA 430 | Spanish Morphology | 3 |
| SPA 440 | Spanish Syntax | 3 |
| SPA 450 | History of the Spanish Language | 3 |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics | 3 |
| Total Hours | | 39-51 |

Literature Option (39-51 units)

| Code | Title | Hours |
|--|---|--------------|
| Common Core Requirements | | |
| Complete common core courses | | 24-36 |
| Upper Division Required Courses | | |
| SPA 453 | Literature Of Spain | 3 |
| SPA 454 | Cervantes: Don Quijote | 3 |
| SPA 456 | Literature of Spanish America | 3 |
| SPA 461 | Lecturas Mexicanas y Chicanas | 3 |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics | 3 |
| Total Hours | | 39-51 |

Recommended Additional Language

Those students who intend to pursue graduate work in Spanish literature or linguistics are also strongly encouraged to take a year of language other than English or Spanish. In addition to courses in Spanish, the Department of Modern Languages also currently offers courses in both French and Japanese.

- Students will read and write in Spanish at the beginning, intermediate and advanced levels.
- Students will understand Spanish language literatures and linguistics as they relate to Latin American, Spain and other Spanish-speaking countries.
- Students will interpret, analyze and evaluate textual and linguistic productions within their specific historical and sociocultural contexts.
- Students will utilize literary and linguistic research methodologies and skills in using traditional and electronic sources for both oral and written projects.
- Students will utilize and apply literary and linguistic theories in explaining linguistic and literary productions.
- Students of Spanish as a Second Language will achieve basic to intermediate proficiency levels in listening, speaking, reading, and writing

Spanish Linguistics Option Roadmaps**4- Year Roadmap**

| Course | Title | Hours |
|---|--|-----------|
| First Year | | |
| Fall | | |
| SPA 280 | Grammar for Spanish Composition | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| SPA 151 or SPA 221 | Introduction to Hispanic Culture or Intermediate Spanish II | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| Hours | | 15 |
| Spring | | |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| HIS 101 | History Of United States | 3 |
| POL 101 | American Institutions | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 350 | Contemporary Hispanic Culture: Spain | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C1 Arts Courses | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |
| Spring | | |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| GE Area C2 Letters Course | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 15 |

Third Year

| Fall | | |
|---|---|-----------|
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| SPA 414 | Spanish Phonology | 3 |
| SPA 310 or SPA 312 or SPA 318 or MLG 318 | Romantic Love in the Western Tradition or Hispanic Literature, Art and Culture or Movements of Latin America or New Perspectives on Language and Sex | 3 |
| GE Area F Ethnic Studies | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |

| Spring | | |
|--|--------------------|-----------|
| SPA 430 | Spanish Morphology | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| GWAR Satisfying Course | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

Fourth Year

| Fall | | |
|--|----------------|-----------|
| SPA 440 | Spanish Syntax | 3 |
| Upper Division VPA Course | | 3 |
| Elective to meet 120 units | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Spring | | |
|---|---|------------|
| SPA 450 | History of the Spanish Language | 3 |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|--|---|-----------|
| First Year | | |
| Fall | | |
| SPA 280 | Grammar for Spanish Composition | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |

| Spring | | |
|---|---|-----------|
| SPA 330 | Interpreting Hispanic Literature | 3 |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| SPA 430 | Spanish Morphology | 3 |
| SPA 310 or SPA 312 or SPA 318 or MLG 318 | Romantic Love in the Western Tradition or Hispanic Literature, Art and Culture or Movements of Latin America or New Perspectives on Language and Sex | 3 |
| Hours | | 15 |

Second Year

| Fall | | |
|------------------------|--|---|
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| SPA 414 | Spanish Phonology | 3 |
| SPA 440 | Spanish Syntax | 3 |
| GWAR satisfying course | | 3 |

| GE Area C3 Integrative Studies in the Humanities | | 3 |
|---|---|-----------|
| Hours | | 15 |
| Spring | | |
| SPA 450 | History of the Spanish Language | 3 |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Spanish Literature Option Roadmaps**4- Year Roadmap**

| Course | Title | Hours |
|--|--|-----------|
| First Year | | |
| Fall | | |
| SPA 280 | Grammar for Spanish Composition | 3 |
| GE Area A1 Oral Communication | | 3 |
| GE Area A2 Written Communication | | 3 |
| SPA 151 or SPA 221 | Introduction to Hispanic Culture or Intermediate Spanish II | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |

| Spring | | |
|--|---|-----------|
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| HIS 101 | History Of United States | 3 |
| GE Area F Ethnic Studies | | 3 |
| Hours | | 15 |

| Second Year | | |
|--|--|-----------|
| Fall | | |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| POL 101 | American Institutions | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 15 |

| Spring | | |
|------------------------------------|---|-----------|
| SPA 330 | Interpreting Hispanic Literature | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area C2 Letters Course | | 3 |
| Hours | | 15 |

| Third Year | | |
|---|---|-----------|
| Fall | | |
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| SPA 350 | Contemporary Hispanic Culture: Spain | 3 |
| SPA 310 or SPA 312 or SPA 318 or MLG 318 | Romantic Love in the Western Tradition or Hispanic Literature, Art and Culture or Movements of Latin America or New Perspectives on Language and Sex | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| Hours | | 15 |

| Spring | | |
|---|-------------------------------|---|
| SPA 461 | Lecturas Mexicanas y Chicanas | 3 |
| GE Area D2 Global and Historical Perspectives | | 3 |

| | |
|---|------------|
| GWAR satisfying course | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Fourth Year | |
| Fall | |
| SPA 456 Literature of Spanish America | 3 |
| SPA 453 Literature Of Spain | 3 |
| Upper Division VPA Course | 3 |
| Elective to meet 120 units | 3 |
| GE Area C3 Integrative Studies in the Humanities | 3 |
| Hours | 15 |
| Spring | |
| SPA 454 Cervantes: Don Quijote | 3 |
| SPA 490 Seminar in Special Topics in Literature and Linguistics | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | 3 |
| Elective to meet 120 units | 3 |
| Elective to meet 120 units | 3 |
| Hours | 15 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| Course | Title | Hours |
|---|---|-----------|
| First Year | | |
| Fall | | |
| SPA 280 | Grammar for Spanish Composition | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| SPA 305 | Advanced Composition, Syntax and Stylistics I | 3 |
| Elective to meet 120 units | | |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| SPA 330 | Interpreting Hispanic Literature | 3 |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 351 | Contemporary Hispanic Culture: Spanish-Speaking America | 3 |
| SPA 310 | Romantic Love in the Western Tradition | 3 |
| or SPA 312 | or Hispanic Literature, Art and Culture | |
| or SPA 318 | or Movements of Latin America | |
| or MLG 318 | or New Perspectives on Language and Sex | |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| SPA 453 | Literature Of Spain | 3 |
| SPA 456 | Literature of Spanish America | 3 |
| GWAR satisfying course | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Hours | | 15 |
| Spring | | |
| SPA 454 | Cervantes: Don Quijote | 3 |
| SPA 461 | Lecturas Mexicanas y Chicanas | 3 |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Total Hours | | 60 |

Spanish, Subject Matter Preparation

The Subject Matter Preparation Program in Spanish is designed for students interested in a career in teaching Spanish at the secondary school level. It satisfies the requirements set by the State Commission on Teacher Credentialing for demonstrating substantive preparation in the subject matter field of Spanish. Completion of an approved waiver program or passing The National Teachers Examination in the subject matter field fulfills one part of the requirements leading to the Single Subject Teaching Credential in Spanish. While the waiver in Spanish is not an academic major, credits earned toward a major in Spanish can be used to meet most of the requirements of the waiver program. Students interested in pursuing a teaching career at the secondary level should meet regularly with the designated departmental waiver program advisor.

The Subject Matter Preparation Program in Spanish is designed for students interested in a career in teaching Spanish at the secondary school level. It satisfies the requirements set by the State Commission on Teacher Credentialing for demonstrating substantive preparation in the subject matter field of Spanish. Completion of an approved waiver program or passing The National Teachers Examination in the subject matter field fulfills one part of the requirements leading to the Single Subject Teaching Credential in Spanish. While the waiver in Spanish is not an academic major, credits earned toward a major in Spanish can be used to meet most of the requirements of the waiver program. Students interested in pursuing a teaching career at the secondary level should meet regularly with the designated departmental waiver program advisor.

Requirements

| Code | Title | Hours |
|---|---|-------|
| Lower Division Required Courses (0-3 units) ¹ | | |
| SPA 110 | Beginning Spanish I ¹ | 3 |
| SPA 111 | Beginning Spanish II ¹ | 3 |
| SPA 220 | Intermediate Spanish I ¹ | 3 |
| SPA 221 | Intermediate Spanish II ¹ | 3 |
| SPA 280 | Grammar for Spanish Composition ² | 3 |
| Upper Division Required Common Core Courses | | |
| SPA 306 | Advanced Composition, Syntax and Stylistics II | 3 |
| SPA 311 | Structure Of Spanish | 3 |
| SPA 330 | Interpreting Hispanic Literature | 3 |
| SPA 340 | Practical Spanish for Interpreters and Translators | 3 |
| or SPA 341 | Advanced Conversation | |
| SPA 350 | Contemporary Culture of Spain | 3 |
| SPA 351 | Contemporary Culture of Spanish-Speaking America | 3 |
| SPA 400 | Teaching School Subject Matter in Spanish | 3 |
| SPA 414 | Spanish Phonology | 3 |
| SPA 430 | Spanish Morphology | 3 |
| SPA 440 | Spanish Syntax | 3 |
| SPA 450 | History of the Spanish Language | 3 |
| SPA 453 | Literature Of Spain | 3 |
| SPA 454 | Cervantes: Don Quijote | 3 |
| SPA 456 | Literature of Spanish America | 3 |
| SPA 461 | Lecturas Mexicanas y Chicanas | 3 |
| SPA 490 | Seminar in Special Topics in Literature and Linguistics | 3 |

| | | |
|--------------------|-------------------------------------|--------------|
| UNV 300 | Early Field Experience ³ | 0-2 |
| Total Hours | | 63-65 |

¹ Students take beginning and intermediate Spanish courses as needed; those who have completed two, three or four years of high-school Spanish or any community college Spanish will be placed in the appropriate semester of college Spanish in consultation with a departmental advisor. Students may get credit for some of these courses through the Advanced Placement Examination in either Language or Literature, by challenging them (but never in descending order), and/or by transferring equivalent courses from other institutions.

² All Single Subject Students must take this course at CSUDH.

³ UNV 300 Early Field Experience is optional.

Special Education

College of Education
Division of Teacher Education

Special Education Program Description

The Special Education Program is designed to offer candidates both core and advanced specialization in the delivery of special education services from infancy to adulthood. The program meets the needs of college graduates who wish to pursue careers in special education. Candidates can obtain the following: Master of Arts degree in Special Education, Education Specialist Instruction Preliminary Credentials (Mild/Moderate Support Needs, Extensive Support Needs, and Early Childhood Special Education), Teacher Induction Program (Clear Credential), Early Childhood Special Education Added Authorization, and Assistive Technology Certificate. Credential, authorization, and certificate coursework combines theory, methods, and field experiences that enrich candidates teaching practices. Master degree level courses combine theory, field assignments, and a culminating experience that enhances candidates' professional expertise and specialized knowledge.

The following information is described in detail on the California Commission on Teacher Credentialing (CCTC) website at <https://www.ctc.ca.gov/credentials/assignment-resources/special-education-credentials> (<https://www.ctc.ca.gov/credentials/assignment-resources/special-education-credentials/>). The Education Specialist Instruction Credential authorizes the holder to conduct Educational Assessments related to the candidate's access to the academic core curriculum and progress towards meeting instructional academic goals, provide instruction, and Special Education Support to individuals in the area of specialization listed on the credential in the following settings:

- General education settings
- Resource rooms or services
- Special education settings
- Non-public, schools and agencies
- Home/hospital settings
- Correctional facilities

The Education Specialist Instruction Credentials require specific course work to meet teacher performance expectations and competencies established by the California Commission on Teacher Credentialing (CCTC). CSUDH Special Education programs are accredited by CCTC. The requirements of the Individuals with Disabilities Education Act (IDEA),

ESSA (2016), California Curriculum Framework and Standards, and California Reading Initiative also serve as underpinnings for instruction, field supervision, and evaluation.

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from the **College of Education Dean's Office: COE 1490 - (310) 243-3510**.

Master of Arts in Special Education

The MA program prepares candidates to assume advanced roles in the field of Special Education. Current research and evidence-based practices in the field of Special Education underpin the curriculum. The program consists of a core of advanced coursework, electives, and a culminating experience (project or thesis) that supports advanced study in the field of Special Education. There are 30 units of course work with a minimum of 19-semester units completed in residence. Candidates who apply to both the Master of Arts Degree and the Teacher Induction Program must adhere to the requirements for both programs (e.g., GPA and course grade requirements).

Preliminary Credentials

The Special Education Program offers the following Education Specialist Instruction Credentials:

- Mild/Moderate Support Needs (MMSN), authorizes the holder to conduct assessments specific to student progress in the core academic areas and to provide services to students who have Autism (Autism), Emotional Disturbance (ED), Intellectual Disability (ID), Multiple Disabilities (MD), Other Health Impairment (OHI), Orthopedic Impairment (OI), Specific Learning Disability (SLD) and Traumatic Brain Injury (TBI) and authorizes service in grades K-12 and classes organized primarily for adults through age 22.
- Extensive Support Needs (ESN), authorizes the holder to work with students who have Autism (Autism), Deaf-Blindness (DB), Emotional Disturbance (ED), Intellectual Disability (ID), Multiple Disabilities (MD), Other Health Impairment (OHI), Orthopedic Impairment (OI), Specific Learning Disability (SLD) and Traumatic Brain Injury (TBI) and authorizes service in grades K-12 and classes organized primarily for adults through age 22.
- Early Childhood Special Education (ECSE), authorizes the holder to work with children who have mild/moderate support needs and extensive support needs listed above and traumatic brain injury; and authorizes the provision of services to infants,

toddlers, and young children from birth to age 5 with stated disabilities and their families.

CSUDH offers two credential pathways: Intern and Student Teaching. Both programs consist of pre-service, general and special education coursework, robust field experiences, and a culminating experience.

Student Teaching is a traditional credential pathway that allows candidates to student teach in public school P-12 classrooms under the guidance of a Master Teacher while completing university coursework. The University works with the candidate to match the candidate with Master Teachers in schools we have formal agreements with.

The Intern pathway allows candidates to work in P-12 schools as teachers of record while they complete the needed university coursework to become fully credentialed teachers. The Special Education program has formal agreements with school districts, non-public schools (NPS), and charter schools where interns are employed.

Integrated Teacher Education Program (ITEP) Education Specialist Mild/Moderate Support Needs

The ITEP Program for the Education Specialist Mild/Moderate Support Needs Credential is an option within the undergraduate Liberal Studies major wherein students earn a BA degree in Liberal Studies while also earning an Education Specialist Credential-Mild/Moderate Support Needs (Student Teaching Option only). To meet all requirements for the ITEP program, students must also complete a depth of study in Educating Children with Disabilities and be accepted into the Special Education Credential Program. The total number of units for the BA and Credential is 135 units. Please see the Liberal Studies section of the catalog, as well as an advisor in the Liberal Studies Office for more information about the ITEP Option. **Note: Liberal Studies is not currently accepting students into the Integrated Teacher Education Program - Education Specialist Mild/Moderate Support Needs Program.**

Teacher Induction Program (Clear Credential)

The California Commission on Teacher Credentialing (CCTC) established a two-tier special education teaching credential structure. A five-year Preliminary Education Specialist Instruction Credential is the first document issued after an individual has met basic credential requirements. The Clear Credential is issued on completion of a CCTC approved Teacher Induction Program that focuses on the teacher's needs to expand and deepen knowledge, skills, and abilities targeted to the teacher's employment and career goals in their development as a special education teacher. An individual with special education preliminary teaching credentials completes the Clear Credential requirements through the development of an Individual Learning Plan (ILP) in the Teacher Induction Program. The ILP includes appropriate professional development and/or coursework designed to expand and apply the candidate's skills and knowledge based on the California Standards for the Teaching Profession. The ILP identifies the coursework, experiences, and/or tasks that must be completed and assessed while guiding the activities to support the growth and improvement of professional practice.

Admission Requirements

Below are the general program admissions requirements for entry into the Special Education programs followed by program specific requirements. Candidates may apply to the Preliminary or Teacher Induction Program, the MA, or the MA and Teacher Induction Program. Candidates must hold a Preliminary credential to enroll in the Induction Program.

Candidates who desire to enroll in the Teacher Induction Program and MA are advised to do so simultaneously. In addition to the admission requirements listed below, candidates are advised to follow the detailed requirements on the Special Education program application.

General Program Admission Requirements

1. Admission to the university.
2. Application (with resume) to specific credential and/or MA degree program.
3. A bachelor's degree from an accredited college or university; official transcripts of all college course history including degree posted.
4. Acceptable grade point average (GPA): Preliminary credential programs require a 2.75 GPA in the last 60 semester units of upper-division and the Teacher Induction Program and MA degree require a 3.0 GPA in the last 60 semester units of upper-division and post-baccalaureate work.
5. Two professional references from supervisory individuals acquainted with the applicant's professional work with children or adolescents and his/her ability to complete successfully a graduate-level program.

Master of Arts in Special Education Admission Requirements

In addition to the General Program Admission Requirements the following MA requirements must be met:

1. Valid initial and/or advanced Special Education credential (e.g., California Level I/II, Preliminary/Clear, or Life Special Education Teaching Credential; hold closely aligned certification or demonstration of content knowledge in the field; out of state or international candidates must have equivalent credentials, or demonstration of deep content knowledge).
2. Candidates who are applying to both the MA and Teacher Induction Program must do so simultaneously.
3. Successful admission to the university with the following conditions:
 - Candidates who satisfy all the requirements for university and program admission will be admitted fully with Classified Standing.
 - Candidates accepted with Conditional Standing will have one semester to meet the conditions for Classified Standing.
4. The Graduation Writing Assessment Requirement (GWAR) must also be met in order to advance to Classified status.
5. The Graduation Writing Assessment Requirement can be met on the CSU Dominguez Hills campus by one of the following:
 - A baccalaureate degree from an accredited college or university in the United States.
 - A baccalaureate degree from an accredited non-US institution where English is the primary language of instruction.

- Graduate students who earned a 4 or above on the analytical writing component of the Graduate Record Examinations (GRE) or the Graduate Management Admission Test (GMAT).
- Students from a baccalaureate program offered in non-English speaking university settings can qualify to enter a graduate program by meeting one of the following options: take the Test of English as a Foreign Language (TOEFL) and achieve a score of 550 (paper-based); 80 (internet-based); 213 (computer-based); or achieve an International English Language Testing System (IELTS) score of 6.5.

Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter (csudh.edu) (<https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/>) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.
3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.
4. Submission of Intern Credential Application **and** obtaining verification of the Intern Credential issued by CCTC.

Teacher Induction Program Admission Requirements

In addition to the general program admission requirements, the following are specific for the Teacher induction Program (Leading to a Clear Credential):

1. Initial credential (e.g., California Level I or Preliminary; out-of-state candidates must have equivalent credentials).
2. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school.
3. Agreement by the employer to provide a site-based mentor.
4. Certificate of Clearance.
5. Tuberculosis test and vaccination verification

Program Requirements

All programs require candidates to adhere to specific requirements throughout the length of the program. Foremost, candidates must adhere to all ethical and professional standards required by the university, professional organizations, and/or accrediting affiliations associated with the degree and credential. Candidates must, at all times, demonstrate high-quality interpersonal skills with faculty, staff, fellow candidates, and others. If candidates fail to meet this requirement, they are subject to disqualification from the program. The following are the requirements for the MA degree and credential programs.

Master of Arts in Special Education Program Requirements

1. A minimum GPA of "B" in all coursework. Candidates must maintain a "B" average in all coursework. No course grade lower than a "C" may be used toward the MA. However, for candidates who are simultaneously in the Clear and MA, no course grade lower than a "B-" may be used toward the Clear credential.
2. Continuous Enrollment. Candidates are required to maintain enrollment throughout their MA program. Candidates who have completed the maximum number of required units but have not completed their culminating activity (e.g., thesis or comprehensive examination) must enroll in SPE 600 Graduate Continuation Course every semester, not to exceed two semesters. As per University Policy graduate courses may only be take two times. In order to enroll in SPE 600 Graduate Continuation Course, candidates must submit an application form (available online) prior to enrollment (see University Policy on Continuous Attendance Requirement).
3. Transfer Credit. A maximum of 12 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of MA degree completion.
4. Time Limit on Coursework. Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be validated or repeated (see University Policy on Outdated Coursework).
5. Capstone Requirement for the Master's Degree. Candidates have the option of completing an approved project or a thesis and are required to make this decision when applying for classified standing. Once candidates have advanced to candidacy, they may not change from one option to the other.
6. Candidates completing a thesis must enroll in SPE 599 Graduate Capstone in Special Education for a minimum of one semester. To

satisfy the continuous enrollment policy, students are expected to enroll in SPE 600 Graduate Continuation Course unless they are enrolled in other courses.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.
2. Field Experience. Candidates must have access to classrooms to complete field experience coursework.
3. Transfer Credit. A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. Time Limit on Coursework. Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

For information specific to undergraduate pathways please see BA Liberal Studies (p. 658)

Post-Baccalaureate Programs

Authorization

- Early Childhood Special Education Authorization (p. 839)
- Pre-Service Teacher Bilingual Authorization in Spanish, Certificate (p. 865)

Certificates

- Assistive Technology Specialist, Certificate (p. 838)
- Pre-Service Teacher Bilingual Authorization in Spanish, Certificate (p. 865)

Credentials

- Early Childhood Special Education Authorization (p. 839)
- Preliminary Education Specialist: Early Childhood Special Education, Intern Option, Credential (p. 839)
- Preliminary Education Specialist: Early Childhood Special Education, Student Teaching Option, Credential (p. 840)
- Preliminary Education Specialist: Extensive Support Needs, Intern Option, Credential (p. 841)
- Preliminary Education Specialist: Extensive Support Needs, Student Teaching Option, Credential (p. 842)
- Preliminary Education Specialist: Mild to Moderate Support Needs, Intern Option, Credential (p. 842)
- Preliminary Education Specialist: Mild to Moderate Support Needs, Student Teaching Option, Credential (p. 843)
- Teacher Induction Program (Clear Credential) (p. 846)

Master's Programs

Master

- Special Education, Master of Arts (p. 844)

Faculty

Dr. Kate Esposito, Chair
Drs. Kelli Beard, Jenny Chiappe, Kai Greene, Conrad Oh Young

Dr. Elaine Semple, Clinical Coordinator

Dr. Patricia Maricich,, Teacher Induction Coordinator

Department Office: COE 1401, (310) 243-2779

Emeriti Faculty

Dr. Carrie Ann Blackaller, Dr. Judith Jackson, Dr. Caron Mellblom-Nishioka, Dr. Ann Selmi, Dr. Karl Skindrud

Assistive Technology Specialist, Certificate

The Assistive Technology Specialist Certificate program consists of five courses for a total of 15 units. Completion of the certificate will provide Special Education personnel with the skills necessary to perform functional evaluations, determine appropriate hardware/software adaptations, and locate assistive technology resources for disabled students.

The Assistive Technology Specialist Certificate program consists of five courses for a total of 15 units. Completion of the certificate will provide Special Education personnel with the skills necessary to perform functional evaluations, determine appropriate hardware/software adaptations, and locate assistive technology resources for disabled students.

Requirements

| Code | Title | Hours |
|--------------------|---|-----------|
| SPE 530 | Introduction to Assistive Technology | 3 |
| SPE 531 | Basic Assistive Technology | 3 |
| SPE 532 | Advanced Assistive Technology | 3 |
| SPE 533 | Administration of Assistive Technology Services | 3 |
| SPE 537 | Capstone Course in Assistive Technology | 3 |
| Total Hours | | 15 |

Early Childhood Special Education Authorization

The Early Childhood Special Education Added Authorization (ECSE AA) is designed for credentialed Special Education teachers who are interested in teaching young children (birth to pre-kindergarten) with special needs. The ECSE AA allows the credential holder to conduct educational assessments and evaluate progress toward meeting the instructional goals of these children who are eligible for special education services across a continuum of service options.

Admission Requirements

1. Possession of a valid Level I, Preliminary, Level II, Clear, or Life Special Education Teaching Credential.
2. A 2.75-grade point average in the last 60 semester units of college work.
3. Three professional references from supervisory individuals acquainted with the applicant's work with children.

The Early Childhood Special Education Added Authorization (ECSE AA) is designed for credentialed Special Education teachers who are interested in teaching young children (birth to pre-kindergarten) with special needs. The ECSE AA allows the credential holder to conduct educational assessments and evaluate progress toward meeting the instructional goals of these children who are eligible for special education services across a continuum of service options.

Admission Requirements

1. Possession of a valid Level I, Preliminary, Level II, Clear, or Life Special Education Teaching Credential.
2. A 2.75-grade point average in the last 60 semester units of college work.
3. Three professional references from supervisory individuals acquainted with the applicant's work with children.

Requirements (15-18 units)

| Code | Title | Hours |
|-----------------------------------|--|-------|
| Required Courses (9 units) | | |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 454 | Curriculum and Instruction in Early Childhood Special Education | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 475 | Student Teaching in Early Childhood Special Education | |

SPE 555

Directed Teaching in Early Childhood Special Education

Preliminary Education Specialist: Early Childhood Special Education, Intern Option, Credential

Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter ([csudh.edu](https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/)) (<https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/>) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.
3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.
4. Submission of Intern Credential Application and obtaining verification of the Intern Credential issued by CCTC.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.

2. **Field Experience.** Candidates must have access to classrooms to complete field experience coursework.
3. **Transfer Credit.** A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. **Time Limit on Coursework.** Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

| Code | Title | Hours |
|---|---|-----------|
| A. Required Courses | | |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 454 | Curriculum and Instruction in Early Childhood Special Education | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| SPE 549 | Seminar in Infants and Toddlers in Early Childhood Special Education | 2 |
| LBS 310 | Early Language and Literacy | 3 |
| B. Field Experience Requirements | | |
| SPE 523 | Special Education Intern Initial Field Experience/Seminar | 6 |
| SPE 525 | Special Education Intern Advanced Field Experience/Seminar | 6 |
| SPE 555 | Directed Teaching in Early Childhood Special Education | 13 |
| Total Hours | | 53 |

Preliminary Education Specialist: Early Childhood Special Education, Student Teaching Option, Credential Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter ([csudh.edu](https://www.csudh.edu)) ([matter/\) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.](https://www.csudh.edu/coe/info-students/ways-to-meet-subject-

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3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.
4. Submission of Intern Credential Application **and** obtaining verification of the Intern Credential issued by CCTC.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.
2. **Field Experience.** Candidates must have access to classrooms to complete field experience coursework.
3. **Transfer Credit.** A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. **Time Limit on Coursework.** Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

Early Childhood Special Education Credential: Student Teaching Option (42 units)

| Code | Title | Hours |
|----------------------------|--|-------|
| A. Required Courses | | |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 454 | Curriculum and Instruction in Early Childhood Special Education | 3 |
| SPE 458 | Positive Classroom Environments | 3 |

| | | |
|---------|---|---|
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| LBS 310 | Early Language and Literacy | 3 |

B. Field Experience Requirements

The following courses require candidates to submit an application in the semester prior to enrolling in the course:

| | | |
|---------|---|----|
| SPE 456 | Field Experience in General and Special Education | 3 |
| SPE 475 | Student Teaching in Early Childhood Special Education | 13 |

Total Hours **45**

Preliminary Education Specialist: Extensive Support Needs, Intern Option, Credential

Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter (csudh.edu) (<https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/>) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.
3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or

- Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.
 4. Submission of Intern Credential Application **and** obtaining verification of the Intern Credential issued by CCTC.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.
2. Field Experience. Candidates must have access to classrooms to complete field experience coursework.
3. Transfer Credit. A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. Time Limit on Coursework. Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

| Code | Title | Hours |
|----------------------------|---|-------|
| A. Required Courses | | |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 465 | Instructional Strategies Extensive Support Needs | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 481 | Educating Diverse Learners with Exceptionalities ¹ | 3 |
| SPE 523 | Special Education Intern Initial Field Experience/Seminar | 6 |
| SPE 525 | Special Education Intern Advanced Field Experience/Seminar | 6 |
| SPE 526 | Special Education Intern Continuing Field Experience/Seminar | 2 |
| SPE 552 | Communicative and Collaborative Partnerships with Families and Professionals | 3 |
| SPE 553 | Assessment in Early Childhood Special Education and Moderate-Severe Disabilities | 3 |
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |

B. Field Experience Requirements

The following course requires candidates to submit an application in the semester prior to enrolling in the course:

| | | |
|---------|---|---|
| SPE 566 | Directed Teaching of Individuals with Moderate/ Severe Disabilities | 6 |
|---------|---|---|

Total Hours **56**

Preliminary Education Specialist: Extensive Support Needs, Student Teaching Option, Credential

Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter ([csudh.edu](https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/)) (<https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/>) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.
3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.
4. Submission of Intern Credential Application and obtaining verification of the Intern Credential issued by CCTC.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.
2. Field Experience. Candidates must have access to classrooms to complete field experience coursework.

3. Transfer Credit. A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. Time Limit on Coursework. Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

| Code | Title | Hours |
|---|---|-----------|
| A. Required Courses | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 465 | Instructional Strategies Extensive Support Needs | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| TED 410 | Elementary Mathematics Methods | 3 |
| B. Field Experience Requirements | | |
| The following courses require candidates to submit an application in the semester prior to enrolling in the course: | | |
| SPE 456 | Field Experience in General and Special Education | 3 |
| SPE 476 | Student Teaching Extensive Support Needs | 13 |
| Total Hours | | 48 |

Preliminary Education Specialist: Mild to Moderate Support Needs, Intern Option, Credential

Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter ([csudh.edu](https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/)) (<https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/>) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.

3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.
4. Submission of Intern Credential Application **and** obtaining verification of the Intern Credential issued by CCTC.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.
2. Field Experience. Candidates must have access to classrooms to complete field experience coursework.
3. Transfer Credit. A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. Time Limit on Coursework. Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

| Code | Title | Hours |
|----------------------------|---|-------|
| A. Required Courses | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |

| | | |
|---|--|-----------|
| SPE 488 | CalTPA for Educational Specialists | 2 |
| TED 410 | Elementary Mathematics Methods | 3 |
| B. Field Experience Requirements | | |
| SPE 523 | Special Education Intern Initial Field Experience/Seminar | 6 |
| SPE 525 | Special Education Intern Advanced Field Experience/Seminar | 6 |
| SPE 569 | Directed Teaching of Individuals with Mild/Moderate Disabilities | 6 |
| Total Hours | | 50 |

Preliminary Education Specialist: Mild to Moderate Support Needs, Student Teaching Option, Credential Preliminary Credentials Admission Requirements

In addition to the general program admission requirements, the following prerequisites are common to all Preliminary credential programs (Intern and Student Teaching Options):

1. Verification of Basic Skills Requirement (BSR may be met by a passing score on the CBEST, verification of coursework, or other qualifying exams). See options for meeting basic skills at <https://www.csudh.edu/coe/resources-links/meeting-the-basic-skills-requirement/>
2. Verification of Subject Matter through the CSET Exam or through a CTC-approved Subject Matter Program or coursework (for additional information please see Ways to Meet Subject Matter ([csudh.edu](https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/)) (<https://www.csudh.edu/coe/info-students/ways-to-meet-subject-matter/>) **Notes:** 1. Subject Matter is not required for the ECSE credential. 2. Subject Matter is required to enter Final Fieldwork in the Student Teaching Option. 3. Subject Matter is required to apply for an Intern Credential in both MMSN and ESN programs.
3. Verification of U.S. Constitution requirement through university coursework with a minimum grade of C or passage of the US Constitution Exam.
4. Valid Certificate of Clearance.
5. Tuberculosis test and vaccination verifications.

In addition to the general program admission requirements, the following are specific for the Intern Option only:

1. Verification of an offer of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school with CSUDH Memorandum of Understanding (Intern Agreement).
2. Successful completion of the three pre-service courses (SPE 480 Educating Exceptional Children and Youth; SPE 458 Positive Classroom Environments and SPE 462 Language, Literacy and Cognition) or the equivalent with a grade of "B-" or better for advancement to Intern status. Candidates who hold a Preliminary or Level I credential in another specialization or General Education may take the Pre-services classes in the first semester of their Internship.
3. Proof of advisement from Special Education Faculty or Advisor prior to applying for the Intern Credential.

4. Submission of Intern Credential Application **and** obtaining verification of the Intern Credential issued by CCTC.

Preliminary Credentials Program Requirements

1. A minimum GPA. Candidates must maintain an overall "B" average in all Special Education coursework. No course grade lower than a "B-" may be used toward any credential. **Note:** TED courses in the Preliminary credential must have a grade of "C" or higher.
2. Field Experience. Candidates must have access to classrooms to complete field experience coursework.
3. Transfer Credit. A maximum of 9 units of coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of credential completion.
4. Time Limit on Coursework. Candidates must complete all of the requirements for the degree or credential within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Outdated coursework must be repeated and validated (see University Policy on Outdated Coursework).

| Code | Title | Hours |
|---|---|-----------|
| A. Required Courses | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities ² | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| TED 410 | Elementary Mathematics Methods | 3 |
| B. Field Experience Requirements | | |
| The following courses require candidates to submit an application in the semester prior to enrolling in the course: | | |
| SPE 456 | Field Experience in General and Special Education | 3 |
| SPE 479 | Student Teaching of Individuals with Mild/Moderate Disabilities | 13 |
| Total Hours | | 48 |

Special Education, Master of Arts Requirements

Course of Study (30 units)

| Code | Title | Hours |
|-------------------------|---|-------|
| Required Courses | | |
| GED 500 | Research Methods in Education | 3 |
| SPE 580 | Advanced Assessment, Pedagogy and Instruction for Individuals with Disabilities | 3 |

| | | |
|---------|---|---|
| SPE 581 | Collaborative Planning, Implementing Evaluating Educational Programs for Students with Disabilities | 3 |
| SPE 582 | Current Trends and Issues in Special Education | 3 |
| SPE 583 | Education Law and Policy: Serving Students with Disabilities | 3 |
| SPE 584 | Research I: Evidenced Based Inquiry and Practice | 3 |
| SPE 585 | Research II: Evidenced Based Inquiry and Practice | 3 |

Electives

Candidates should select Electives from their Preliminary credential category as follows:

Early Childhood Special Education:

| | | |
|---------|--|--|
| SPE 405 | Collaboration with Families and School Personnel | |
| SPE 454 | Curriculum and Instruction in Early Childhood Special Education | |
| SPE 458 | Positive Classroom Environments | |
| SPE 467 | Assessment in Special Education | |
| SPE 552 | Communicative and Collaborative Partnerships with Families and Professionals | |
| SPE 522 | Teaching Bilingual Learning in Inclusive Dual Settings | |
| CUR 520 | Seminar in Ethnic Studies in Education | |

Mild/Moderate Support Needs:

| | | |
|---------|--|--|
| SPE 405 | Collaboration with Families and School Personnel | |
| SPE 458 | Positive Classroom Environments | |
| SPE 467 | Assessment in Special Education | |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | |
| SPE 522 | Teaching Bilingual Learning in Inclusive Dual Settings | |
| SPE 552 | Communicative and Collaborative Partnerships with Families and Professionals | |
| SPE 553 | Assessment in Early Childhood Special Education and Moderate-Severe Disabilities | |
| CUR 520 | Seminar in Ethnic Studies in Education | |

Extensive Support Needs:

| | | |
|---------|--|--|
| SPE 405 | Collaboration with Families and School Personnel | |
| SPE 458 | Positive Classroom Environments | |
| SPE 465 | Instructional Strategies Extensive Support Needs | |
| SPE 467 | Assessment in Special Education | |
| SPE 522 | Teaching Bilingual Learning in Inclusive Dual Settings | |
| SPE 552 | Communicative and Collaborative Partnerships with Families and Professionals | |

Total Hours **30**

Early Childhood Special Education Credential: Intern Option (53 units)

| Code | Title | Hours |
|----------------------------|--|-------|
| A. Required Courses | | |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 454 | Curriculum and Instruction in Early Childhood Special Education | 3 |
| SPE 458 | Positive Classroom Environments | 3 |

| | | |
|---|---|-----------|
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| SPE 549 | Seminar in Infants and Toddlers in Early Childhood Special Education | 2 |
| LBS 310 | Early Language and Literacy | 3 |
| B. Field Experience Requirements | | |
| SPE 523 | Special Education Intern Initial Field Experience/Seminar | 6 |
| SPE 525 | Special Education Intern Advanced Field Experience/Seminar | 6 |
| SPE 555 | Directed Teaching in Early Childhood Special Education | 13 |
| Total Hours | | 53 |

Mild/Moderate Support Needs Credential: Student Teaching Option (42 units)

| Code | Title | Hours |
|---|---|-----------|
| A. Required Courses | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities ² | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| TED 410 | Elementary Mathematics Methods | 3 |
| B. Field Experience Requirements | | |
| The following courses require candidates to submit an application in the semester prior to enrolling in the course: | | |
| SPE 456 | Field Experience in General and Special Education | 3 |
| SPE 479 | Student Teaching of Individuals with Mild/Moderate Disabilities | 13 |
| Total Hours | | 48 |

Mild/Moderate Support Needs Credential: Intern Option (50 units)

| Code | Title | Hours |
|----------------------------|--|-------|
| A. Required Courses | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |

| | | |
|---|---|-----------|
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 468 | Curriculum and Instruction Mild Moderate Support Needs: STEAM | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| TED 410 | Elementary Mathematics Methods | 3 |
| B. Field Experience Requirements | | |
| SPE 523 | Special Education Intern Initial Field Experience/Seminar | 6 |
| SPE 525 | Special Education Intern Advanced Field Experience/Seminar | 6 |
| SPE 569 | Directed Teaching of Individuals with Mild/Moderate Disabilities | 6 |
| Total Hours | | 50 |

Extensive Support Needs Credential: Student Teaching Option (48 units)

| Code | Title | Hours |
|---|---|-----------|
| A. Required Courses | | |
| SPE 403 | Reading and Language Arts Instruction for K-12 Students with Disabilities | 3 |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |
| SPE 467 | Assessment in Special Education | 3 |
| SPE 465 | Instructional Strategies Extensive Support Needs | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 488 | CalTPA for Educational Specialists | 2 |
| TED 410 | Elementary Mathematics Methods | 3 |
| B. Field Experience Requirements | | |
| The following courses require candidates to submit an application in the semester prior to enrolling in the course: | | |
| SPE 456 | Field Experience in General and Special Education | 3 |
| SPE 476 | Student Teaching Extensive Support Needs | 13 |
| Total Hours | | 48 |

Extensive Support Credential: Intern Option (50 units)

| Code | Title | Hours |
|----------------------------|---|-------|
| A. Required Courses | | |
| SPE 405 | Collaboration with Families and School Personnel | 3 |
| SPE 451 | Biomedical Information and Technological Interventions with Children with Disabilities | 3 |
| SPE 458 | Positive Classroom Environments | 3 |
| SPE 461 | Typical and Atypical development and Assessment Issues in Special and General Education | 3 |
| SPE 462 | Language, Literacy and Cognition | 3 |

| | | |
|---------|--|---|
| SPE 465 | Instructional Strategies Extensive Support Needs | 3 |
| SPE 480 | Educating Exceptional Children and Youth | 3 |
| SPE 481 | Educating Diverse Learners with Exceptionalities ¹ | 3 |
| SPE 523 | Special Education Intern Initial Field Experience/Seminar | 6 |
| SPE 525 | Special Education Intern Advanced Field Experience/Seminar | 6 |
| SPE 526 | Special Education Intern Continuing Field Experience/Seminar | 2 |
| SPE 552 | Communicative and Collaborative Partnerships with Families and Professionals | 3 |
| SPE 553 | Assessment in Early Childhood Special Education and Moderate-Severe Disabilities | 3 |
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |

B. Field Experience Requirements

The following course requires candidates to submit an application in the semester prior to enrolling in the course:

| | | |
|---------|--|---|
| SPE 566 | Directed Teaching of Individuals with Moderate/Severe Disabilities | 6 |
|---------|--|---|

Total Hours 56

Program Learning Outcomes

1. Demonstrate an in-depth, advanced knowledge base that reflects the current theories and best practices within special education at a graduate level.
2. Demonstrate advanced writing skills reflective of styles predominant in special education at a graduate level, i.e., APA.
3. Demonstrate an ability to express advanced ideas orally at a graduate level.
4. Engage in research, scholarly, or creative activity within their discipline or make meaningful contributions to their field/organization at a graduate level.
5. Demonstrate responsible ethical, legal, and professional conduct related to special education in all facets of their education and professional lives.

Teacher Induction Program (Clear Credential)

The California Commission on Teacher Credentialing (CCTC) established a two-tier teaching credential structure. A five-year preliminary credential is the first document issued after an individual has met basic credential requirements. The CSUDH College of Education Teacher Induction Program is designed for Multiple Subject, Single Subject, and/or Education Specialist teachers with CA Preliminary Credentials who seek a Commission-approved Induction program that will support and advance their professional knowledge, skills and abilities, beyond what was necessary for the preliminary credential, through the lens of the *California Standards for the Teaching Profession*. The Teacher Induction Program in the College of Education leads to a Clear Credential.

The CSUDH Teacher Induction program utilizes a unique hybrid mentoring approach: candidates receive mentoring support from their professor-mentor and their site-mentor. Both mentors meet individually and regularly with their candidates on “just in time issues” of teaching

practice, as well as the development, implementation, and reflection on the candidate’s Individual Learning Plan (ILP).

Two Year Program

Candidates may enter the Induction program in Fall or Spring semester. For the first, second and third semesters, candidates enroll in EDU 470 (Individual Learning Plan Development). For the last semester in the program, candidates enroll in EDU 474 (Individual Learning Plan Completion). Note that EDU 470 is a repeatable course. Candidates must complete each class with a passing grade of B or better to maintain good standing in the program.

Early Completion Option Track

An Early Completion Option (ECO) is a one year, two semester option, available to those candidates who are Experienced and Exceptional while teaching in their credentialed area. An experienced candidate is defined as having two or more years of teaching experience, while holding an intern or preliminary credential, as the teacher of record, prior to entering the Induction program. An Exceptional candidate is verified by providing a letter of recommendation from the candidate’s current principal, as well as maintaining a B or better grade in the Induction class. Candidates may apply for ECO at the end of their first semester in the program. Candidates must maintain a grade of B or better to remain in the Early Completion Option Track.

Teacher Induction Program Admission Requirements

In addition to the general program admission requirements, the following are specific for the Teacher Induction Program (leading to a Clear Credential):

1. Valid initial credential (e.g., California Level I or Preliminary; out-of-state candidates must have equivalent credentials).
2. Verification of full-time employment in an appropriate teaching position in a public school district, non-public school (NPS), or charter school.
3. Agreement by the employer to provide a site-based mentor.
4. Certificate of Clearance.
5. Tuberculosis test and vaccination verification.

| Code | Title | Hours |
|-------------------------|--------------------------------------|-------|
| Required Courses | | |
| EDU 470 | Individual Learning Plan Development | 3 |
| EDU 474 | Individual Learning Plan Completion | 3 |

Special Major

Office: WH D-440, (310) 234-3308

General Description

Students who have academic or professional goals that are not easily met by one of the regular degree programs at CSU Dominguez Hills may find that the undergraduate Special Majors program or Graduate Interdisciplinary Studies/Special Major is more suitable to their unique needs and interests. Through these programs, students will integrate studies from two (or more) departments or colleges, either concentrating on each equally or choosing one department or option as the primary emphasis with the other(s) as secondary.

Both undergraduate Special Major and Graduate Interdisciplinary Studies/Special Major programs are intended to be focused, pre-planned progressions toward well-defined objectives. A Special Major or Minor student will need an appropriate advisory committee chosen from the departments involved. The program of study for either the undergraduate Special Major/Minor or the Graduate Interdisciplinary Studies Major must be chosen from the represented departments and must be supportable by:

1. courses already offered in the regular degree programs; and
2. the expertise of members of CSU Dominguez Hills permanent faculty.

Restrictions

There are some restrictions with regard to the Special Major/Minor. Specific restrictions are described under each program; general restrictions include the following:

Undergraduate Special Major

This major is not to be used to:

- substitute for a recognized undergraduate major offered by the University.
- bypass normal graduation requirements.
- serve as an alternative to a program in which the student is in academic difficulty.

Graduate Interdisciplinary Studies/Special Major

This graduate option cannot be granted if the student's objective(s) can be met by regular programs offered by other colleges or universities in the Los Angeles area, nor can it be used in place of degree requirements or graduate degree programs already offered on campus.

A student working toward the Graduate Interdisciplinary Studies/Special Major is subject to the University's policies and must complete all academic requirements prescribed by the University.

Features

For selected students, the Special Major Programs provide an opportunity to pursue an individualized course of study in order to attain a Bachelor of Arts/Science or a Master of Arts/Science Degree. Thus, such a program would enable students to cut across regular academic areas to develop an integrated major, minor or graduate option tailored to their own educational and career goals.

Each Special Major (or Minor) or Graduate IDS has a specially appointed faculty Advisory Committee. This committee works with and gives special attention to the student. With careful planning, most programs of study can be completed by attending evening and/or daytime classes.

Programs at both the bachelor's and master's level provide students with three unique features:

- the ability to create an educationally sound and intellectually rich program of study that answers the student's own particular needs, including career needs;
- a course of study that draws upon the diverse curriculum of the University yet focuses on study areas of particular interest;
- the opportunity to work closely with a selected group of faculty advisors.

Academic Advisement

Undergraduate

Undergraduate students who wish to pursue a Special Major or Minor should contact the Office of Academic Programs at (310) 243-3308 for more information.

Graduate

The Office of Graduate Studies will assist the Graduate Interdisciplinary Studies major. Students interested in pursuing this program should phone (310) 243-3693 for an appointment.

Undergraduate Special Major/Minor

Preparation

Since students must prepare a proposal in consultation with a faculty advisor and obtain approval from that advisor, and members of the Advisory Committee, before taking the courses comprising the major/minor, it is imperative that they do the necessary planning and paperwork as early as possible. Students should complete all lower division General Education requirements before beginning Special Major or Minor coursework.

Procedures for Declaring an Undergraduate Special Major or Minor

To initiate a Special Major or Minor, contact an appropriate faculty advisor directly. In consultation with this advisor, prepare a proposal for either the undergraduate Special Major or Minor Program.

The proposal must include:

1. a written statement giving reasons for undertaking the Special Major or Minor in terms of academic and professional goals and explaining
 - a. why these goals cannot be met through the standard programs of the campus and
 - b. how they may be best pursued in a special program;
2. The proposal is then forwarded to Graduate Studies for approval. The student is not enrolled as a Special Major or Minor until this formal procedure is complete.

Graduation with Honors

An undergraduate student may be a candidate for graduation with honors in Special Major provided he or she meets the following criteria:

1. A minimum of 36 units in residence at CSU Dominguez Hills;
2. A minimum grade point average of at least 3.5 in all courses used to satisfy the upper division requirements in the major.

Major Requirements - B.A./B.S. (minimum 24 units)

Special Major Guidelines

1. Students must formally request admission to a Special Major Program following the procedures described above for declaring a Special Major or Minor.
2. Students may not use a Special Major to substitute for a recognized degree program not offered at CSU Dominguez Hills, e.g. Psychobiology.
3. The Special Major may not be used to bypass normal graduation requirements.

- Students may not substitute the Special Major for a major in which they are having academic difficulty.
- A student working toward the Special Major is subject to university-wide policy relative to admission, scholastic standards and graduation requirements.
- In order to be admitted to the Special Major Program, students are required to have more than one full year of academic work still to be completed to meet minimum degree requirements. That is, students will not be admitted to the undergraduate Special Major unless they have 31 or more semester units to complete out of a total of 120 semester units.
- The minimum requirement for the Special Major Degree is a program of at least 24 semester units of upper division work recommended by a student's major advisor.
- Students cannot use the following types of courses to meet the minimum degree requirements for the undergraduate Special Major:
 - neither upper division or lower division courses used to meet General Education requirements,
 - nor professional educational courses,
 - nor graduate courses (500 level).
- Students may not also pursue a Special Minor.

Minor Requirements (15 units)

- Students must follow the formal procedures for declaring a Special Major or Minor.
- Students may not pursue a Special Minor if they also have a Special Major.
- A Special Minor must contain at least 15 upper division semester units, at least 10 of which must be taken after the proposal is approved.
- Students cannot use the following types of courses to meet the minimum requirements for the Special Minor:
 - neither upper division or lower division courses used to meet General Education requirements,
 - nor professional educational courses.

Major Requirements - M.A./M.S.

Admission Requirements

To be admitted into the Interdisciplinary Studies/Special Major graduate program the student must:

- possess a baccalaureate degree from an accredited college, with a grade point average of 3.0 or better in the last 60 semester units attempted (not including lower division or extension units);
- submit two letters of recommendation from individuals who can evaluate the student's potential for graduate school;
- schedule an interview with the Coordinator of the Graduate Special Major Program;
- submit, along with the formal application to the program, 150-200 word, typed Statement of Purpose which describes the academic qualifications and educational goals of the applicant, and explains how the Special Major will support those goals;
- be able to demonstrate the eligibility to take proposed graduate level courses;
- complete the GRE General Test and score at least 4 on the GRE Analytical Writing Test;
- demonstrate above average writing skills;

Degree Requirements

The Advisory Committee, which consists of at least three faculty members including the coordinator of the Graduate Special Major, helps the student prepare a program of study. The program of study must:

- be in support of the student's major objectives as specified in the accepted program; (If a bachelor's degree and/or background does not adequately prepare the student for the proposed program, he/she may be required to take additional prerequisite coursework before admission to the program.)
- include a minimum of 30 upper division and graduate level semester approved units;
- include a minimum of 21 semester units of 500 level courses;
- include no lower division courses;
- include no undergraduate courses in lieu of comparable graduate level courses;
- include no more than 18 units from any one department;
- make provision for a capstone activity (thesis or project); satisfactory completion of this requirement will be determined and certified by the Advisory Committee and the Associate Vice President of Academic Programs;
- include no more than three thesis units; descriptions of the Capstone Activity courses, signed by the faculty advisor must be attached to the program-of-study;
- include no more than nine units of work completed prior to approval of this program;¹
- include no more than six units of independent study type courses; descriptions of these courses, signed by the faculty advisor must be attached to the program-of-study;¹
- be approved by the Associate Vice President of Academic Programs, the faculty committee and the chair of the departments involved;
- meet all university requirements for the master's degree. Students should consult the section of the catalog entitled "Graduate Degrees and Postbaccalaureate Studies (<https://catalog.csudh.edu/general-information/graduate-degree-postbaccalaureate-studies/>)."

¹ Any units in excess of the maximum cannot be counted in the required 30 units.

The student's transcript will read: Master of Arts/Master of Science in Interdisciplinary Studies in the focus or theme of study in three words or less; the use of the name of an academic unit must first be approved by the unit and the Associate Vice President of Academic Programs.

Students wishing to alter their program after it has been approved must repeat the same review process: they need to secure the approval of their Advisory Committee, the approval of the appropriate graduate coordinator(s), and the Associate Vice President of Academic Programs, prior to any change.

Program Learning Outcomes

-

Bachelor of Arts and Sciences Special Major Learning Outcomes

- Ability to construct and complete an interdisciplinary curriculum that is cohesive and meets the idiosyncratic needs of a unique focus of study.

2. Ability to apply the methods, theories and protocols of research in the work products of the various courses selected for the program.
3. Ability to think critically and to express oneself clearly and thoughtfully in the work products of the various courses selected for the program.
4. Ability to apply an interdisciplinary focus of two or more disciplines to the work product of the various courses selected for the program.

Systems Engineering

College of Natural and Behavioral Sciences
Department of Physics

Program Description

The MSSE program at CSUDH provides students with the latest, cutting-edge skills and design methods for the realization and management of the complex, interdependent systems required to develop and maintain today's products and systems in rapidly changing environments. These include Model-Based Systems Engineering, Systems Architecting, System-of-Systems Engineering, and Complex and Resilient Systems. The curriculum balances theory with practical projects and case studies, enabling students to understand and implement applicable models to enhance and complement systems engineering activities throughout a project's life cycle.

The CSUDH MSSE program draws upon case studies, methodologies, and tools from several engineering industries, providing experienced professionals as well as those new to the field with exposure to real-world systems engineering case studies. Students access contextualized case studies within their industries and complete their degree with a culminating project that prepares them for complex, real-life projects.

Students will learn how to apply systems engineering knowledge and techniques to problems from the automotive, commercial aviation, defense, electronic communications, and space industries. They will learn the importance of implementing Model-Based Systems Engineering in the development of complex, interdependent systems that may be comprised of a combination of legacy and new components.

Features

The MSSE program was established in response to regional and national workforce needs. Systems engineers possess analytical skills required to support a broad range of job functions: from the development of systems that facilitate split-second trading on Wall Street to the integration of satellite surveillance systems that support the collection, analysis, and fusion of heterogeneous multimedia sources.

The MSSE program is a Practitioner's program. Assignments are based on case studies and conventional exams are not administered in most courses. Instead, students propose solutions to Engineering Design Challenges (EDCs). An Engineering Design Challenge requires a student to apply theoretical concepts to a problem characterized by specific technical, fiscal, and operational constraints. Depending upon the complexity of the EDC, students will be allowed 3-10 days to develop a solution. The product of each EDC becomes part of the student's graduate project portfolio.

Students in many degree programs may not begin to develop their projects/theses until the end of their curriculum. The MSSE curriculum employs a model that allows students to develop their projects incrementally. Each semester students enroll in a 1-unit course entitled Systems Engineering Project Phase (I, II, III, and IV). The product of each

of these courses corresponds to a chapter in the final project report. This approach facilitates the organic development of the project because each project component builds upon work completed during the previous term.

Admission Requirements

The admission requirements for the MSSE Degree Program are as follows:

- A **Bachelor's degree** from a fully accredited institution.
- Coursework in computer programming, calculus, probability & statistics, as well as a capstone experience related to engineering design fundamentals.
- **Good standing** at the last institution attended.
- A **grade point average (GPA) of at least 2.5** on the last degree completed or at least 2.5 in the last 60 semester (90 quarter) units attempted.

Depending on the type of the undergraduate course completed, the applicant may be admitted with either a **classified or conditional admission status**.

Classified Admission: In order to be admitted with a classified status, the applicant must meet all program admission requirements.

Conditional Admission: Applicants who have not completed coursework in computer programming, calculus, probability & statistics, as well as a capstone experience related to engineering design fundamentals, may be considered for conditional admissions. Those applicants may have fulfill additional requirements before they attain a classified status. These additional requirements will be determined by evaluating the applicant's transcripts and work-related experience. The student must also earn a minimum grade of B or better in all courses attempted during the first year, (3 terms) of conditionally classified admission.

Graduate applicants, regardless of citizenship, who do not possess a bachelor's degree from a postsecondary institution where English is the principal language of instruction or who have not attended schools at the secondary level or above for at least three years full-time where English is the principal language of instruction must present one of the following:

- A minimum score of 80 on the internet-based TOEFL exam (iBT),
- A minimum score of 213 on the computer-based TOEFL exam
- A score of 6.5 or higher on the IELTS Academic Test, or
- A score of 53 or higher on the Pearson Test of English (PTE) Academic

Graduate applicants who have met all admission requirements except English Proficiency may apply for conditional admission through the CSUDH American Language and Culture Program (ALCP). Once they have improved their English skills and pass TOEFL/IELTS OR qualify for an ALCP English Proficiency Waiver, they can start their degree program.

Admission Procedures

The following materials are required for admission review by the submission deadline: **Please note that the cut-off date for admission to the Fall Term is June 1. Applications are not accepted for the Spring or Summer Terms.**

Please note: **do not be confused by the Admissions Office dates; the dates they state apply for on-campus courses only.** Internet Terms are not the same as the on-campus terms. The applicant must have been accepted to the university before the first class meeting in order to be

considered a graduate student in the MSSE program rather than an open enrollment student or an Extended Education student. Students accepted after the first class meeting will not be able to enroll in courses, and their acceptance will be revoked for non-attendance by the Admissions Office. At this point, you will need to re-apply with a new application for the next term.

Academic Advising

Students will be advised once each semester, prior to registration. Students develop their capstone projects incrementally, beginning in their first term. Student research progress will be reviewed during each academic advising session.

Departments, Professional Organizations, and Co-curricular Activities

The CSUDH Science Society, Society of Physics Students and Sigma Pi Sigma (National Physics Honor Society) cooperate in offering lectures, social programs and field trips to promote student participation in and enjoyment of the sciences. These activities are enriching and greatly enhance our students' growth within our community of scholars. In addition, faculty are often willing to sponsor inexpensive student memberships in national physics organizations that publish ongoing research in various areas of physics and engineering. The department sponsors a colloquium series with talks a few times each semester on various topics in physics and engineering.

Career Possibilities

Systems Engineering has been implemented in nearly every field, including:

- Aerospace
- Automotive Design and Manufacturing
- Biotechnology
- Counter-Terrorism
- Critical Infrastructure
- Cyber Security
- Defense
- Environmental/Green Engineering
- Healthcare
- Homeland Security
- Manufacturing
- Next Generation Farming
- Oil and Gas
- Power and Energy Systems
- Quality Assurance
- Safety/Security Engineering
- Social Network Systems Architecture
- Space Systems
- Telecommunications
- Transportation

Graduate Programs

Master

- Systems Engineering, Master of Science (p. 851)

Faculty

John Price, Department Chair
 Antonia Boadi, Ximena Cid, Horace Crogman, James (Jim) Hill, Maryam Maleki, Miguel Rodriguez

Department Office: NSM B-202, (310) 243-3591

Full-Time Staff

To Dang, Technician
 Angela Johnson, Administrative Support Coordinator

Emeritus Faculty Courses

Michael Durand, Kenneth Ganezer, H. Keith Lee, Samuel L. Wiley

Courses

SEE 500. The Practice of Systems Engineering. (3 Units)

The course provides an overview Systems Engineering professional competencies. Content and case studies present Systems Engineering as a multi-faceted discipline that draws upon human, organizational and technical resources to define, develop and deploy systems.

SEE 510. Introduction to Systems Engineering I. (3 Units)

Co-requisite: SEE 501 required. Systems engineering processes, principles and tools used during a project's life cycle. Risk assessment that addresses technical, schedule, cost, and performance risks. Role of engineering sub-disciplines in the fulfillment of mission requirements. Risk and reliability in complex systems. A-B/NC grading.
 Offered Fall

SEE 515. Introduction to System Engineering II. (3 Units)

Course covers processes, principles and tools utilized throughout a system's life cycle. Topics include the role of requirements engineering, risk management, supportability and logistics in the development of complex systems.

SEE 520. Analytics in Systems Engineering. (3 Units)

Prerequisites: SEE 500, MAT 131 or MAT 321 or an introductory course in statistics and probability; CSC 121 or an introductory programming course. Statistical methods used in data analytics with a focus on decision making in engineering applications.
 Offered Fall

SEE 530. Quantitative Methods in Systems Engineering. (3 Units)

Prerequisite: MAT 131 or MAT 132 or an introductory course in probability and statistics and SEE 510. Probability and statistics for engineering project cost estimates, system risk assessments, life cycle models and management plans.
 Offered Spring

SEE 540. Economic Factors in Systems Engineering. (3 Units)

Co-requisite: SEE 510 required. Principles of engineering economics; impact of economic factors for systems engineers, tools for understanding and analyzing these factors, fundamental quantitative analysis of cash flow, system life-cost estimating; parametric cost models.
 Offered Fall

SEE 550. Modeling and Simulation. (3 Units)

Prerequisite: SEE 530 required. Application of computer simulation to engineering (sub)systems; systems structure, system analysis, model construction, data collection, and computer simulations tools.
 Offered Summer

SEE 560. Model Based Systems Engineering. (3 Units)

Prerequisite: SEE 530, SEE 540, SEE 550. Co-requisite: SEE 550 required. Application of model curation, model repositories and model integration in MBSE; distinction between engineering models and model-based systems engineering is emphasized. Offered Summer

SEE 570. Complex Systems Architecture. (3 Units)

Prerequisite: SEE 515 required. Holistic approach to the process of architecting systems in various engineering disciplines. Architectural as they relate to adaptive, complex and resilient systems. Offered Spring

SEE 580. System-of-Systems Engineering. (3 Units)

Prerequisite: SEE 550, SEE 560, SEE 570 required. Critical issues associated with the integration of systems and/or systems-of-systems. Offered Fall

SEE 590. Master's Project. (3 Units)

Prerequisite: SEE 504, SEE 505 (may be taken concurrently) and consent of graduate advisor. Co-requisite: SEE 585 required. Individual research on a systems engineering topic under the direction of graduate faculty. Repeatable course. Offered Spring

SEE 600. Graduate Continuation Course. (1 Units)

Prerequisite: Signature of graduate program coordinator required. Graduate students, who have completed their course work but not their thesis, project, or comprehensive examination, or who have other requirements remaining for the completion for their degree, may attain continuous enrollment by enrolling in this course.

Systems Engineering, Master of Science

Requirements

Core Curriculum (34 units)

| Code | Title | Hours |
|--------------------|---|-----------|
| SEE 500 | The Practice of Systems Engineering | 3 |
| SEE 510 | Introduction to Systems Engineering | 3 |
| SEE 515 | Introduction to Systems Engineering II | 3 |
| SEE 520 | Analytics in Systems Engineering | 3 |
| SEE 530 | Quantitative Methods in Systems Engineering | 3 |
| SEE 540 | Economic Factors in Systems Engineering | 3 |
| SEE 550 | Modeling and Simulation | 3 |
| SEE 560 | Model Based Systems Engineering | 3 |
| SEE 570 | Complex Systems Architecture | 3 |
| SEE 580 | System-of-Systems Engineering | 3 |
| SEE 590 | Master's Project | 3 |
| Total Hours | | 33 |

Graduates of the Systems Engineering program will:

- Apply the appropriate mathematical, science and engineering techniques to systems engineering problems.
- Identify the proper application of Systems Engineering processes, tools and methodologies to interdisciplinary problems.
- Generate, collect and articulate user needs and requirements for complex systems.

- Define the role of Systems Engineering processes and tools in each phase of a system's life cycle: from inception through retirement.
- Compare and contrast the impact of engineering solutions and design alternatives in the context of acquisition, environmental, ethical, fiscal, operational, schedule and technological constraints.
- Describe how to plan and manage complex systems engineering projects.
- Outline professional and ethical responsibility in engineering efforts.
- Compare and contrast system and component-level alternatives using appropriate system analysis tools.
- Articulate technically complex ideas and concepts in oral as well as in written format.

Teacher Education

College of Education
Division of Teacher Education

Pre-Admission Disclosure for Academic Programs Leading to Licensure or Credentialing

Admission into programs leading to licensure and credentialing does not guarantee that students will obtain a license or credential. Licensure and credentialing requirements are set by agencies that are not controlled by or affiliated with the CSU and requirements can change at any time. For example, licensure or credentialing requirements can include evidence of the right to work in the United States (e.g., social security number or taxpayer identification number) or successfully passing a criminal background check. Students are responsible for determining whether they can meet licensure or credentialing requirements. The CSU will not refund tuition, fees, or any associated costs, to students who determine subsequent to admission that they cannot meet licensure or credentialing requirements. Information concerning licensure and credentialing requirements is available from the **College of Education Dean's Office: COE 1490 - (310) 243-3510**.

Preliminary Credential Programs

The Preliminary Multiple Subjects Credential authorizes its holder to teach in a self-contained classroom, usually grades kindergarten through six. The Single Subject Preliminary Credential authorizes its holder to teach in departmental classes, usually in the middle or high school.

Both the Multiple and Single Subject programs fulfill the California state requirements for English Language Authorization and, for qualified applicants, the Bilingual Authorization in Spanish. Certification in other authorized languages is available by examination through CCTC.

Both Multiple Subjects and Single Subject programs offer a traditional student teaching option as well as a university intern option. Candidates enrolled in the University Intern Option are contracted teachers (without a preliminary credential) currently teaching K-12 students and are supervised for fieldwork in their own classroom by trained university supervisors and site-based coaches who provide support and guidance. Candidates enrolled in the Student Teaching Option are not contracted teachers and are assigned to master teachers in a public school setting for their supervised field experiences. In addition, student teachers receive support and guidance from a university supervisor (in some cases, the master teacher also serves as a university field supervisor).

Each program option is organized into phases, university semesters, that include courses and field experiences. The program sequence allows candidates to complete their coursework and exit requirements in one year if the candidate begins the program during the summer when summer is offered.

Coursework and field experiences effectively prepare candidates to teach K-12 students and understand the contemporary conditions of schooling. Because the majority of teacher candidates enrolled in the TED credential program are or will be, teaching in urban schools with multicultural and multilingual students, the program's coursework and field experiences are designed to prepare candidates to effectively meet the needs of those students. Courses are designed to address issues of second language learners and diverse styles of learning. The program provides extensive opportunities for candidates to learn to teach the content of the California K-12 academic content standards, to use state-adopted instructional materials, assess student progress, and apply these understandings in teaching K-12 students.

Through the carefully sequenced courses and field experiences, candidates develop a series of pedagogical competencies represented by the Teaching Performance Expectations (TPEs). Within each phase of the program, courses are designated to address specific TPEs that must be applied and practiced during each field experience. The TPEs are assessed throughout the program using fair, valid, and reliable methods and measures. There are ongoing formative assessments, embedded signature assignments, and a summative assessment, the California Teaching Performance Assessment (CalTPA).

CSU Dominguez Hills' credential programs are accredited by the California Commission on Teacher Credentialing (CCTC, 1900 Capitol Street, Sacramento, CA, 95814.)

Note: Students who wish to teach in TK classrooms need 24 units in early childhood education.

Master of Art in Education Program

The MA program prepares candidates to assume advanced roles in the field of education. The coursework provides broad conceptions of curriculum theories and design, development, and instruction supported by evidence-based best practices through critical and justice-oriented frameworks. Students develop and engage in real-time intervention studies to demonstrate critical thinking and research writing skills. The program consists of a core of advanced coursework, electives, and a culminating experience (thesis or comprehensive exam) that supports advanced study in the field of education. There are 30 units of course work with a minimum of 21-semester units completed in residence. The MA program in Education offers two different options: 1) Option in Curriculum and Instruction; 2) Option in Dual Language Learning.

Curriculum and Instruction Option

The MA in Education Curriculum and Instruction Option is designed for individuals committed to justice and equity in education. We engage cutting edge interdisciplinary research, critical educational theories, and practical applications across all PK-12 content areas. Develop expertise in curriculum design and instructional practices to examine school systems through frameworks related to: power and resistance, intersectionality, critical pedagogies, educational justice, and critical literacies.

Dual Language Learning Option

The MA in Education Dual Language Learning Option focuses on bilingualism and biliteracy in Spanish in school and societal contexts. The program is designed to prepare teacher leaders to examine and refine their own pedagogy and instruction and to promote social justice through an inquiry approach in Spanish. Providing instruction in two languages, this approach develops students' competencies in bilingualism, biliteracy, and biculturalism/multiculturalism. Students who complete this option can earn their Bilingual Authorization.

Transitional Kindergarten Option

The MA in Education Transitional Kindergarten Option prepares candidates for specialized roles in the field of teaching young children. The Division is currently not accepting students into the MA in Education: Transitional Kindergarten Option. For more information, please contact the Division of Teacher Education (310) 243-3496.

Liberal Studies Students (Undergraduate Students)

Qualified undergraduate students may start a preliminary credential program, student teaching option during their senior year. They must apply and meet the admissions criteria and complete the required documentation. They must consult with their undergraduate subject matter advisor and teacher education advisor and attend a College of Education Information Meeting.

Liberal Studies students at CSUDH with catalog rights starting in Fall 2016 complete all of the prerequisite classes as part of the major and apply to the program upon graduation.

Features

The location of the University allows an ongoing, intensive interaction with a wide variety of local school districts, providing an excellent opportunity for working with a diverse population. Graduates of basic credential programs and the Masters of Arts in Education are in high demand by principals and superintendents who have come to respect the quality of the programs and the competence of their graduates. Teaching methods classes reflect the most up-to-date and effective approaches to instruction. The program is designed to meet the needs of individuals seeking only a preliminary credential, as well as full-time working professionals seeking a master's degree. Most courses are offered in the late afternoon and evening.

Academic Advisement

Students will work with an advisor when they are admitted to the Teacher Education Division for a specific program (master's degree, credential, or certificate). Students who are uncertain about which program best meets their professional goals may meet with the department chairperson or faculty advisor to discuss the range of options.

The student must confer with the advisor each semester prior to registration to ensure that the student is taking the appropriate course work in the proper sequence.

Scholarships

The College of Education is committed to preparing teachers, counselors, and school leaders. In the College of Education, we understand that training to become an educator often requires a full-time course load as well as a significant fieldwork commitment. There are a number of

financial aid options, including loans, grants, and scholarships available to make it more affordable for aspiring teachers and educators to focus on completing their training. Please visit the COE website (<https://www.csudh.edu/coe/>) for information on student scholarships.

Preparation for Credential Programs

Multiple Subjects (Elementary)

Students planning to teach children in a self-contained classroom usually in grades transitional kindergarten through six will need to earn a Multiple Subjects Credential. Students planning to earn a Multiple Subject Credential must meet subject matter by passing the California Subject Examination for Teachers (CSET): Multiple Subject Examinations or by completing an Elementary Subject Matter Program. For undergraduate students, it is recommended that students planning to pursue a Multiple Subjects Credential complete course requirements for the Liberal Studies major, which is a CTC-approved Elementary Subject Matter Program.

Single Subject (Middle and High School)

Students planning to teach in departmentalized classes, usually at the middle or senior high school levels, will need to earn a Single Subject Credential. Students planning to earn a Single Subject Credential must meet subject matter by passing the appropriate California Subject Examination for Teachers (CSET): Single Subject Examination for their subject matter area or by completing an approved Subject Matter Preparation Program in their area. Undergraduate students should contact the appropriate department in order to seek program advising regarding completing course requirements for one of the Subject Matter Preparation Programs offered on campus. Subject Matter Preparation Programs offered at CSUDH are: English, Chemistry, Mathematics, Music, Kinesiology, Spanish, Biology, and History/Social Studies. Please see separate entries in the University Catalog for contact information to these departments.

Before admission to all credential programs, students are required to meet the Basic Skills requirement either with a passing score on California Basic Educational Skills Test (CBEST) or by an alternative method (see [https://www.ctc.ca.gov/credentials/leaflets/basic-skills-requirement-\(cl-667\)](https://www.ctc.ca.gov/credentials/leaflets/basic-skills-requirement-(cl-667)) ([https://www.ctc.ca.gov/credentials/leaflets/basic-skills-requirement-\(cl-667\)/](https://www.ctc.ca.gov/credentials/leaflets/basic-skills-requirement-(cl-667)/))).

The CSU prepares teachers for positions in California as well as other states. It is in the students' best interest to be knowledgeable about credential or licensure requirements of the state in which they intend to teach.

Application and Admission Requirements

Multiple and Single Subject Credential Program (Student Teaching) Admission Requirements

Follow program advisement procedures. Refer to the Teacher Education link on the College of Education website, www.csudh.edu/coe/ (<http://www.csudh.edu/coe/>) (<http://www.csudh.edu/coe/>) (<http://www.csudh.edu/coe/>) (<http://www.csudh.edu/coe/>) for the most current information.

1. University admission.
2. Application to specific credential program.
3. Official transcripts of all college course history (one copy for University Admissions and one copy for Program Admissions to be uploaded online).

4. For post-baccalaureate students, a degree from a regionally accredited college or university is required and should be posted on transcripts.
5. Evidence of meeting the basic skills requirement (CBEST or see CTC website for other ways to meet basic skills).
6. A 2.67 cumulative undergraduate grade point average or 2.75 in the last 60 attempted undergraduate semester units.
7. Evidence of meeting the U.S. Constitution requirement.
8. Fingerprint Clearance Requirement: Either a valid Certificate of Clearance, valid California Teaching Credential, or a current Substitute Teaching Permit.
9. Evidence of subject matter competency (CSET, approved program, by major, or through coursework).
10. Current negative tuberculosis test or chest x-ray.
11. Two recommendations from individuals familiar with the applicant's work and character (to be completed before Phase II – candidate provide emails of recommenders on Phase II application).
12. Valid CPR card (Adult, Child, Infant). Online CPR certification is not acceptable.
13. Interview program plan signed by a TED Advisor. ITEP students should see an LBS advisor.

Note: CSUDH undergraduate students may start a preliminary credential program, student teaching track before graduation but must apply to the program and meet the other requirements. A baccalaureate degree is required to apply for a California Teaching Credential. Liberal Studies students, please see an LBS advisor. Other undergraduate students should see a TED Advisor.

University Intern (Multiple and Single Subject) Admission Requirements

In addition to the multiple and single subject credential program admission requirements the following requirements are common for all Preliminary Credential Intern Option Candidates:

- Valid CPR (Adult, Child, and Infant). Online CPR certification is not acceptable.
- Completion of pre-service courses TED 400 Introduction to Education, TED 414 Cultural Ecology in the Classroom, and TED 507 Language Learning: Theory and Practice.
- A one-year employment contract from a public school.
- A letter from school district personnel indicating that the applicant has been screened and interviewed by human resource professionals.
- Basic knowledge of technology and its appropriate use in various educational settings.
- Evidence that the candidate has successfully completed the district's 40-hour training program prior to assuming a full-time classroom teaching assignment.
- Complete Intern Credential Request application online: https://csudh.qualtrics.com/jfe/form/SV_ebQetgE2KE9a766 (https://csudh.qualtrics.com/jfe/form/SV_ebQetgE2KE9a766/)

Master of Arts in Education Admission Requirements

1. Admission to the university.
2. Application to the specific MA degree program; Candidates who are applying to both the MA and Preliminary Credential must do so simultaneously and meet all Preliminary Credential requirements.
3. Baccalaureate degree from a regionally accredited college or university.
4. Official transcripts of all college course history with degree posted; (one copy for University Admissions and one copy for Program Admissions to be uploaded online).
5. A minimum of 2.75-grade point average (GPA) in the last 60 units attempted or a Miller's Analogies Test (MAT) score of 40 or above.
6. Two letters of recommendation from individuals who can evaluate the applicant's potential for graduate study (student will provide the email of the recommenders and they will be contacted by email).
7. Statement of Purpose: 2-4 pages double-spaced stating purpose, relevant experience, qualities/aspirations; connection to justice and equity in our mission; and any relevant additional information for evaluating your preparation and aptitude for graduate study at CSUDH.

Curriculum and Instruction Option

- Statement of Purpose: 2-4 pages double-spaced stating purpose, relevant experience, qualities/aspirations; connection to justice and equity in our mission, and any relevant additional information for evaluating your preparation and aptitude for graduate study at CSUDH.

Dual Language Learning Option

- Statement of Purpose: 2 pages written in Spanish.
- Demonstration of bilingual proficiency or six (6) college semester units of Spanish or verified equivalent.

Preliminary Credential Bilingual Authorization Applicants (Spanish)

Bilingual Authorization applicants must demonstrate language competencies in Spanish by **one** of the following methods:

1. Completion of SPA 280 Grammar for Spanish Composition and SPA 341 Advanced Conversation, with grade expectations adhering to the departmental policy (e.g., Liberal Studies, Teacher Education, Special Education).
2. Passing score on CSET: Subtest III. (See CSET Website: <http://www.ctcexams.nesinc.com> (<http://www.ctcexams.nesinc.com/>));

Bilingual applicants must demonstrate methods competencies through two courses: TED 439 Heritage Language Learner Pedagogies with Plurilingual TK-12 Students and TED 440 Critical Biliteracy with Plurilingual Communities.

1. Multiple Subject candidates will enroll in the bilingual sections of TED 403 Elementary Reading/Language Arts I: K-3, TED 410 Elementary Mathematics Methods, TED 416 Elementary Science Methods, and TED 412 Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom, when available.

Bilingual Authorization applicants must demonstrate bilingual/dual language practicum competencies for at least 20 hours in a clinical practice setting (i.e., TED 433/453 or during your university internship).

Bilingual Authorization Alternate Pathways

1. Masters in Education, Option: Dual Language Learning (30 units)
2. Certificate – Dual Language Learning (12 units)

Note: Bilingual Authorization applicants must demonstrate bilingual/dual language practicum competencies for at least 20 hours in a clinical practice setting

Classified Standing

Successful admission to the university with the following conditions:

- Candidates who satisfy all the requirements for university and program admission will be admitted with Classified Standing.
- Candidates accepted with Conditional Standing will have one semester to meet the conditions for Classified Standing

Certificates

- Dual Language Learning, Certificate (p. 860)
- Pre-Service Teacher Bilingual Authorization in Spanish, Certificate (p. 865)
- Transitional Kindergarten, Certificate (p. 868)

Credentials

- Multiple Subject Preliminary: Student Teaching Option, Credential (p. 864)
- Multiple Subject Preliminary: University Intern Option, Credential (p. 864)
- Preliminary Education Specialist: Early Childhood Special Education, Intern Option, Credential (p. 839)
- Preliminary Education Specialist: Early Childhood Special Education, Student Teaching Option, Credential (p. 840)
- Preliminary Education Specialist: Extensive Support Needs, Intern Option, Credential (p. 841)
- Preliminary Education Specialist: Extensive Support Needs, Student Teaching Option, Credential (p. 842)
- Preliminary Education Specialist: Mild to Moderate Support Needs, Intern Option, Credential (p. 842)
- Preliminary Education Specialist: Mild to Moderate Support Needs, Student Teaching Option, Credential (p. 843)
- Single Subject Preliminary: Student Teaching Option, Credential (p. 866)
- Single Subject Preliminary: University Intern Option, Credential (p. 866)

Graduate Programs

Master

- Education, Master of Arts (p. 861)

Faculty

Jarod Kawasaki, Chair of Teacher Education

Nallely Arteaga, Gwen Brockman, Stephanie Cariaga, Heather Clark, Edward Curammeng, Glenn DeVoogd, Kamal Hamdan, Jarod Kawasaki, Irene Osioma, Pablo Ramirez, Elexia Reyes McGovern, Kirk Rogers Jr., Jeffrey Sapp, Minhye Son

Marica Reed, Multiple Subjects Clinical Coordinator

Debbie Evers Allen, Single Subject Clinical Coordinator & Intern Coordinator

Devin Beasley, CalTPA Coordinator

Department Office: COE 1410, (310) 243-3496

Emeriti Faculty

Jill Aguilar, Ingeborg Assmann, Joseph Braun, John A. Brownell, James Cantor, Joel Colbert, Lenora Cook, John Davis, Peter D. Ellis, Suzanne Gemmell (in memoriam), Richard Gordon, Dru Ann Gutierrez, Diane Hembacher, Susan Johnston, Mimi Kalland-Warshaw, Shirley Lal, Ruth Larson, Nada Mach, Cynthia McDermott-LaCorte, John McGowan, Deandrea Nelson, Priscilla Porter, R.H. Ringis, Lilia Sarmiento, Kathleen Taira, Kim Trimble, Diana Wolff

Courses

Curriculum & Instruction (CUR)

CUR 510. Process of Curriculum Development. (3 Units)

Prerequisite: TED 505 or GED 501 is required. Designed to review contemporary developments in curriculum theory and practice through a framework centered in Critical Theory and Social Justice Education. Will include experience in the development of units of instruction and the evaluation of published curriculum materials.
Offered Fall, Spring

CUR 513. Literature for Child & Adolesc. (3 Units)

Principles of instructional and curricular theory as they apply to the teaching of literature in preschool and grades K-12. Analysis of literary devices and sequential development of ability to analyze and appreciate good literature. Emphasizes development of critical and analytic skills in diverse school environments.
Offered Infrequent

CUR 514. Trauma and Healing Informed Pedagogy. (3 Units)

Prerequisite: CUR 510 is recommended. Designed to review contemporary developments in the theory and practice of trauma and healing-informed pedagogies. Includes research, reflection, and innovative design of curriculum and/or school policies to address adverse childhood experiences in diverse school environments.
Offered Fall even

CUR 515. Seminar in Curriculum Development in Reading and the Language Arts. (3 Units)

Review of current developments in curriculum theory and practice for Reading and the Language Arts. Includes development of instructional units and use of evaluation criteria for published materials. Three hours of seminar per week.
Offered Fall

CUR 516. Sem Curr Dev Science Math. (3 Units)

Review of current developments in curriculum theory and practices for science and math. Includes development of instructional units and use of evaluation criteria for published materials. Three hours of seminar per week.
Offered Spring

CUR 517. Sem Curr Dev Hum Soc Sci. (3 Units)

Review of current development in curriculum theory and practice for the humanities and social sciences. Includes development of instructional units and use of evaluation criteria for published materials. Three hours of seminar per week.
Offered Infrequent

CUR 518. Research for the Teacher Scholar. (3 Units)

Development of conceptual and practical understanding of designing and conducting research and evaluation for education research in a classroom and education settings. Topics include critical qualitative and quantitative research, action research, research design, and research proposal writing.
Offered Fall, Spring

CUR 519. Adv Stud in Curric Practices. (3 Units)

Prerequisite: CUR 510. Intensive study and evaluation of research in selected curriculum areas. Emphasizing designing and implementing innovative curricular and related instructional improvements. Requires student to demonstrate effective instructional leadership and problem solving skills in multiethnic school environments. May be repeated up to six units.
Offered Fall, Spring, Summer

CUR 520. Seminar in Ethnic Studies in Education. (3 Units)

Prerequisite: CUR 510 is recommended. Designed to review contemporary developments in the curriculum theory and instructional practices through an interdisciplinary lens at the nexus between the fields of Ethnic Studies and Education. Seminar will provide a comparative analysis of issues of pedagogy and curriculum and the development of tools to support educators praxis.
Offered Spring odd

CUR 521. Seminar in Critical Race Praxis in Education. (3 Units)

Prerequisite: CUR 510 is recommended. Designed to review contemporary developments in the curriculum theory and instructional practices through an analytical framework called Critical Race Theory in Education. Seminar will provide an overview of critical race theory as it developed in the field of education and will include research, reflection, and practical applications through curricular and pedagogical development.
Offered Fall even

CUR 555. Intro to National Board Prep. (3 Units)

This course specifically targets candidates applying for certification by the National Board for Professional Teaching Standards. These standards will be utilized throughout the course in establishing what accomplished teachers should know and be able to do. Students will develop clear and convincing evidence that Standards are being employed in their own practice.
Offered Infrequent

CUR 556. Advan Prep for National Board. (3 Units)

Prerequisite: CUR 555 with grade of A or B. This course specifically provides ongoing, advanced preparation for candidates applying for certification by the National Board for Professional Teaching Standards. Students complete portfolio entries based on rigorous standards published by the Board, including videos, action research and documentation of effective and reflective practice. Students should be preparing to take National Board exam during semester in which they take CUR 556.
Offered Infrequent

CUR 595. Special Topics in Curriculum & Instruction. (1-3 Units)

An examination of a specific topic and/or subject area of the critical study of education, curriculum, and instruction, language and learning. Offered Fall, Spring

Dual Language Learning (DLL)**DLL 520. Foundations of Critical (Bi) Literacy in Dual Language & Immersion Education. (3 Units)**

Explores critical approaches to (bi)literacy instruction in dual language classrooms with attention to literacy learning experiences of LatinX students in U.S. PreK-12 schools. Students will develop a research study to disentangle the sociocultural aspects of literacy learning. Course taught in Spanish. Offered Fall

DLL 521. Contrastive Linguistics and Assessment for Dual Language Educators. (3 Units)

Focuses on the contrastive analysis of the structures of the Spanish and English languages through the disciplines of Phonology, Morphology, Semantics and Syntax to address issues related to (1) dialectal variation in Spanish and English and (2) linguistic and educational assessments of levels of language acquisition of Spanish and English. Offered Fall

DLL 523. Academic Discourse and Socio-Emotional Learning. (3 Units)

Course is designed to prepare teachers to think deeply and critically as to how content is taught using academic/professional Spanish as instructors in dual language programs in elementary and secondary schools. The course will also examine issues and interventions related to the social-emotional growth and development of children and youth and encourage reflection on school and community practices. Course taught in Spanish. Offered Spring

DLL 524. Emergent Learning for Young Dual Language Learners. (3 Units)

To foster leadership skills in elementary bilingual teachers in dual language instruction, research-based practices in dual immersion programs, curriculum design, culturally responsive instructional practice and assessment appropriate for young children. Course taught in Spanish. Offered Spring

DLL 525. Practices and Strategies for Bi-Literacy Development in Bilingual/Dual Settings. (3 Units)

Course is designed to prepare teachers to be leaders in the field of curriculum design and professional development in dual language instruction in elementary and secondary schools. The focus of the course is on the best practices that develop bi-literacy. Participants will plan and develop curricula both in Spanish and/or sheltered English based on the principles of dual language. Course taught in Spanish. Offered Spring

Teacher Education (TED)**TED 400. Introduction to Education. (3 Units)**

Prerequisite: Admission to Teacher Education. Includes 30 hours of early field experience in K-12 classrooms. Topics include California Teacher Performance Expectations, state content standards, lesson planning / teaching / reflection, and professional, legal and ethical responsibilities of teachers. Computer applications used to complete course tasks. Offered Fall, Spring

TED 402. Educational Psychology. (3 Units)

Prerequisite: Admission to Teacher Education. Psychology of learning and motivation related to instruction; emphasis on application of learning principles to classroom learning situations, including multicultural settings. Survey of applicable research from educational psychology and psychology. Mainstreaming students with special needs. Offered Fall, Spring

TED 403. Elementary Reading/Language Arts I: K-3. (3 Units)

Prerequisite: Admission to Multiple Subject Program. A balanced approach to teaching reading/language arts grades K through 3. Focus on the foundational skills and strategies needed in the developmental phase of learning to read. Addresses research-based knowledge and instructional practices aligned with the California Reading/Language Arts Framework. Offered Fall, Spring, All terms

TED 404. Elem. Reading/Language Arts II: (3 Units)

Prerequisite: TED 403. A balanced, integrative and interactive perspective to teaching reading/language arts grades 4 through 8. Focus on skills and strategies needed in reading and learning for life. Addresses research-based knowledge and instructional practices aligned with the California Reading/Language Arts Framework. Offered Fall, Spring, All terms

TED 405. Mainstreaming Children With Special Needs. (3 Units)

A course to facilitate the integration of handicapped children into the regular classroom. Covers legal responsibilities, diagnostic/prescriptive teaching, problem solving and visits to special education facilities. Offered As needed

TED 406. Teaching Secondary Reading. (3 Units)

Prerequisite: Admission to Single Subject Program. Procedures, materials for teaching content related reading/writing. Includes use of multicultural literature, instructional technology, interpretation of research in reading comprehension; reading/writing for language diverse populations, classroom based diagnostic tools, cross curricular reading/writing strategies. Microteaching or field experience. Offered Fall, Spring

TED 407. Languages in Praxis. (3 Units)

Prerequisite: LBS 302 is required. Co-requisites: LBS 400 or LBS 405 required. Restricted to LBS majors. Focus on linguistic, social, and cultural factors in schooling language minority students; how factors considered for effective learning practices. Areas of concentration include primary language development, second language acquisition, evaluation, current research. Offered Fall, Spring

TED 408. Elementary Art and Music Methods. (2 Units)

Prerequisite: Admission to Multiple Subject Program. Multicultural methods, materials and strategies for elementary art and music including instructional planning, lesson design and use of appropriate media materials and resources that are culturally and linguistically diverse. Offered Fall, Spring

TED 410. Elementary Mathematics Methods. (3 Units)

Prerequisite: Admission to Multiple Subject Program. Methods and materials for elementary math education. Includes instructional planning, unit development, selection and preparation of curriculum materials, assessment procedures, problem-solving strategies and sheltered mathematics instruction. Offered Fall, Spring, All terms

TED 411. Classroom Management Methods. (2 Units)

Prerequisite: Admission to Teacher Education. Focus on culturally and linguistically sensitive discipline strategies, management and effective teaching of techniques identified by recent research. A minimum of 15 hours field application required.
Offered Fall, Spring

TED 412. Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom. (4 Units)

Prerequisite: Admission to Phase 2 Multiple Subject Program; TED 403 is required. An inquiry-based approach to teaching elementary social studies integrated with reading/language arts, aligned with Common Core standards and California Subject Matter Frameworks. Candidates learn strategies to develop social studies content, concepts, and analysis skills, and expository and narrative literacy skills.
Offered Fall, Spring, All terms

TED 413. Elementary Physical Education, Visual and Performing Arts Methods. (3 Units)

Methods, materials and strategies for visual and performing arts, physical education, and health, in multiple subject classroom settings; including instructional planning, lesson design and use of appropriate media materials and resources that are culturally and linguistically diverse.
Offered All terms, Fall, Spring

TED 414. Cultural Ecology in the Classroom. (3 Units)

Co-requisites: TED 400, TED 402 and TED 407 are recommended. Integrates knowledge of cultural ecologies from the home, school and community. The course of study includes creating learning environments that reflect diversity, positive interactions between students and teacher, culturally responsive classroom management, multiple perspectives as well as a foundational approach to classroom rules, routines, procedures and norms.
Offered Fall, Spring

TED 415. Multicultural Ed in Urban Cont. (3 Units)

Prerequisite: Admission to Teacher Education. Analysis and application of the concepts of cultural diversity with emphasis on current issues in education in an urban context. Prepares teachers for multicultural environments and utilization of appropriate materials and methods for culturally, ethnically, and language diverse students.
Offered Fall, Spring

TED 416. Elementary Science Methods. (3 Units)

Prerequisite: Admission to Phase 2 of Multiple Subject Credential Program. Methods and materials for project-based elementary science education. Emphasizes inquiry-based instruction and includes instructional planning, multi-day lesson development, selection and preparation of curriculum materials, assessment procedures, problem-solving strategies, sheltered science and language instruction and health.
Offered Fall, Spring

TED 417. Seminar In Adult Education. (1 Units)

Prerequisites: Concurrent enrollment in TED 423 is required; TED 418, TED 419 and TED 421. Addresses beginning adult education intern needs for working in ethnically, culturally and language diverse adult school settings. It emphasizes problem solving and discussion of competency checklists used in intern fieldwork. One hour of seminar per week.
Offered As needed

TED 418. Methods and Materials of Adult Education, Part I. (2 Units)

Course covers instructional techniques; evaluation of student achievement and the learning process in adult education.
Offered As needed

TED 419. Methods and Materials of Adult Education, Part II. (2 Units)

Prerequisite: TED 418. Covers instructional techniques, instructional technology, strategies to address the needs of diverse learners and resources in the Adult Education community. Emphasis will be placed on three specific groups: ESL students, older adults and exceptional adults.
Offered As needed

TED 420. Computer Literacy for Teachers. (1 Units)

Prerequisite: Admission to Teacher Education. Focuses on computer basics, terminology, operation and care of computer-related hardware, trouble-shooting techniques, legal and ethical issues, copyright issues, and interacting with others using email and threaded discussion. Credit/no credit grading.
Offered Fall, Spring

TED 421. Principles Of Adult Education. (2 Units)

Course is designed to meet the requirements for the Designated Subject Credential. Topics include scope and function of adult education, knowledge of cultural differences in students and communities, curriculum, media and community relationships.
Offered As needed

TED 423. Super Fld Exper. Adult Ed. (2 Units)

Prerequisites: TED 421 and TED 422 are recommended. Course is designed to give student practical experiences in teaching adults. Includes participation in classroom, school and communities, and individualized assignments to fulfill the particular needs of each credential applicant. Evaluation of field experience in scheduled seminars. Credit/no credit grading.
Offered As needed

TED 424. Counseling and Guidance for Teachers of Adult Education. (2 Units)

Topics will cover counseling techniques to meet special needs of adult students and interpersonal relations/communication skills.
Offered As needed

TED 425. Workshop In Teaching Methods. (1-3 Units)

Study of various approaches, methods, and materials related to a selected area of the curriculum. Development of applications at elementary and/or secondary level. Two to six hours of activity per week.
Offered As needed, All terms

TED 426. Foundations of Education. (6 Units)

Co-requisite: TED 427 and TED 428 are required. Introduction to the TTT online teacher education program and the teaching profession, with a focus on foundations of education. Topics include the history of education, classroom management, language development for English learners and standard English learners, and students with special needs.
Offered All terms, Fall, Spring

TED 427. Content Pedagogy I. (6 Units)

Co-requisites: TED 426 and TED 428 are required. Focuses on lesson planning, standards and objectives, assessment, literacy development, problem-based learning in math and science, online resources, and application of principles of effective instruction in real-world contexts.
Offered All terms, Fall, Spring

TED 428. Early Field Observation and Participation. (3 Units)

Co-requisites: TED 426 and TED 427 are required. Consists of a minimum of 40 hours of observation and participation. Candidates will draw on content and strategies from TED 426 and TED 427 in planing lessons for their early field experience. CR/NC grading.
Offered All terms, Fall, Spring

TED 429. Supporting All Students. (6 Units)

Prerequisites: TED 426, TED 427 and TED 428 are required. Co-requisites: TED 430 and TED 431 are required. Focuses on developing strategies for supporting every learner, including those with disabilities and special needs. Explores the student Study Team. Addresses school health issues. Offered Fall, Spring

TED 430. Content Pedagogy 2. (6 Units)

Prerequisites: TED 426, TED 427 and TED 428 are required. Co-requisites: TED 429 and TED 431 are required. Focuses on universal access, inductive and deductive teaching strategies, and models of teaching. Compares Direct Instruction with Problem-Based Learning. Offered Fall, Spring

TED 431. Lab School Fieldwork Seminar. (3 Units)

Prerequisites: TED 426, TED 427, and TED 428 are required. Co-requisites: TED 429 and TED 430 are required. Consists of a minimum of 40 hours of observation and participation, plus the completion of specific tasks that develop the candidates' capacity to plan, instruct, assess and reflect in their content area. CR/NC grading. Offered Fall, Spring

TED 432. Interdisciplinary Teaching. (6 Units)

Prerequisites: TED 429, TED 430, and TED 431 are required. Co-requisites: TED 438 and TED 465 are required. Focuses on culture and ways in which teachers broaden their understanding of what students bring to their educational experience so as to build upon it for student success. Expands on concept of Project-Based Learning. Offered Fall, Spring

TED 433. Teaching Practices Seminar. (3 Units)

Prerequisite: Admission to Phase Two. Student teaching candidates observe and participate in a Multiple Subject classroom with an experienced teacher, accompanied by reflective seminar. Credit/no credit grading. Offered Fall, Spring

TED 434. Student Teach: Elem I. (3 Units)

Prerequisite: TED 400 and TED 411. Student teaching with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading. Offered Fall, Spring

TED 435. Elementary Student Teaching. (12 Units)

Prerequisite: TED 433. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 14. Credit/no credit grading. Offered Fall, Spring

TED 436. Seminar: Elementary Student Teachers. (1 Units)

Problem solving and use of competency checklists in student teaching at the elementary level. Credit/no credit grading. One hour of seminar per week. Offered As needed

TED 437. Elem Stu Teaching (integrated). (9 Units)

Prerequisite: TED 433. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading. Offered Fall, Spring

TED 438. Teaching Event and Assessment. (3 Units)

Prerequisites TED 429, TED 430, and TED 431 are required. Corequisites: TED 432 and TED 465 are required. Candidates complete the Teaching Event, the required summative, assessment, by demonstrating competency in all Teacher Performance Expectations. Candidates focus on student learning, select a learning segment, submit teaching artifacts and analysis, and assess the teaching event. CR/NC grading. Offered Fall, Spring

TED 439. Heritage Language Learner Pedagogies with Plurilingual TK-12 Students. (3 Units)

This course explores native and heritage language learning pedagogies in dual language classrooms with attention to TK-12 Latinx student experiences. Students engage in transformative curricular design with an emphasis on translanguaging. Course taught in Spanish. Offered Fall, Spring

TED 440. Critical Biliteracy with Plurilingual Communities. (3 Units)

This course explores asset based critical biliteracy pedagogies in multilingual TK-12 school communities. Students engage in collective curricular design process with an emphasis on developing critical biliteracy across content areas with students and families. Course taught in Spanish. Offered Fall, Spring

TED 445. Fieldwork: Elementary Interns. (6 Units)

Prerequisite: Admission to Fieldwork. Consists of two semesters of supervised classroom practice. Credit/no credit grading. Offered Fall, Spring

TED 446. Introduction to Internship: Multiple Subject University Intern. (1 Units)

Prerequisite: Admission to Fieldwork. Introduction to Critical Friends Inquiry Groups for elementary University Interns. Focus on reflective teacher inquiry, cognitive coaching, peer review and self-assessment. A-B/no credit grading. Offered Infrequent, All terms

TED 447. Intern Performance Assessment: Multiple Subject. (4 Units)

Prerequisite: TED 404. Assessment Seminar. Critical reflection on intern performance and student achievement correlated with the 13 Teacher Performance Expectations. Offered As needed

TED 448. Teaching Event: Multiple Subject. (2 Units)

Prerequisite: Admission to Phase Two. Candidates complete the Teaching Event, the required summative assessment, by demonstrating competency in all Teacher Performance Expectations. Candidates focus on student learning, select a learning segment, submit teaching artifacts and analysis, and assess the teaching event. Credit/no credit grading. Offered Fall, Spring

TED 453. Teaching Practices Seminar. (3 Units)

Prerequisite: Admission to Phase Two. Student teaching candidates observe and participate in a single subject classroom with an experienced teacher accompanied by reflective seminar. Credit/no credit grading. Offered Fall, Spring

TED 454. Student Teaching Secondary I. (3 Units)

Prerequisite: TED 400 and TED 411. Student teaching with a master teacher at an urban multilingual/multicultural public secondary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading. Offered As needed

TED 455. Student Teaching: Secondary. (12 Units)

Prerequisite: TED 453. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public secondary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading.
Offered As needed

TED 456. Seminar: Secondary Student Teachers. (1 Units)

Problem solving and discussion of competency check lists used in student teaching in multilingual, multiethnic, and multicultural secondary settings. CR/NC grading.
Offered As needed

TED 457. Student Teaching:Secondary II. (9 Units)

Prerequisite: TED 454. Consists of one semester of supervised classroom practice with a master teacher at an urban multilingual/multicultural public elementary school. Done in conjunction with methods coursework. Focuses on Teacher Performance Expectations 1 through 13. Credit/no credit grading.
Offered As needed

TED 460. Creating a Supportive Healthy Environment for Secondary Student Learning. (1 Units)

Prerequisite: Admission to Single Subject Program. Single Subject credential candidates learn how to create a supportive healthy environment for secondary student learning.
Offered Fall, Spring

TED 465. Fieldwork: Secondary Interns. (6 Units)

Prerequisite: Admission to Fieldwork. Consists of two semesters of supervised classroom practice. Credit/no credit grading.
Offered Fall, Spring

TED 466. Introduction to Internship: Single Subject University Intern. (1 Units)

Prerequisite: Admission to Fieldwork. Introduction to Critical Friends Inquiry Groups for secondary University Interns. Focus on reflective teacher inquiry, cognitive coaching, peer review and self-assessment.
Offered Infrequent

TED 467. Secondary Teaching Methods I. (3 Units)

Prerequisite: Admission to Single Subject Program. Principles of effective instruction, critical thinking/questioning skills, lesson design, cooperative learning, sheltered instruction, guided discovery; curriculum materials for culturally, ethnically, and language diverse content classrooms.
Offered Fall, Spring

TED 468. Secondary Teaching Methods II. (3 Units)

Prerequisite: Admission to Single Subject Program. Taken in single subject credential area. Explores methods and materials for planning instructional units and lessons. Presents alternative strategies of instruction and evaluation to assure high-level learning with ethnically, culturally, and language diverse students.
Offered Fall, Spring

TED 469. Interdisciplinary Teaching Methods. (3 Units)

Prerequisite: Acceptance to intern status in single subject program or advancement to fieldwork status; TED 467 and TED 468; TED 406 recommended. Explores interdisciplinary teaching methods for the multicultural, multilingual classroom including psychological, philosophical perspectives. Presents strategies, practices, and resources for developing an integrated curriculum.
Offered As needed

TED 470. Critical Perspectives in Urban Education. (2 Units)

Prerequisite: TED 444. Capstone experience. Focuses on the professional obligations of teachers in society and the role of families and the community in the education of children. Addresses the historical, philosophical, cultural, and sociological foundations of American education from an equity perspective.
Offered As needed

TED 471. Secondary Methods III: Curriculum and Assessment. (3 Units)

Prerequisite: TED 467; concurrent enrollment in TED 468 recommended. Focus on interdisciplinary curriculum and assessment. Includes diagnostic, formative, and summative assessment. Focuses on evaluation, grading procedures, and use and interpretation of standardized exams as tools for instruction and monitoring of achievement.
Offered As needed

TED 472. Intern Performance Assessment: Single Subject. (4 Units)

Assessment Seminar. Critical reflection on intern performance and student achievement correlated with the 13 Teacher Performance Expectations.
Offered As needed

TED 476. Summative Assessment Seminar: Phase Two Multiple Subject Student Teachers. (2 Units)

Prerequisite: TED 475. Summative Assessment Seminar to complete reflective essay and performance task. Credit/no credit grading.
Offered As needed

TED 481. Summative Assessment Seminar: Phase Two Single Subject Student Teachers. (2 Units)

Summative Assessment Seminar to complete reflective essay and performance task. Credit/no credit grading
Offered As needed

TED 488. Teaching Event: Single Subject. (2 Units)

Prerequisite: Admission to Phase Two. Candidates complete the Teaching Event, the required summative assessment, by demonstrating competency in all Teacher Performance Expectations. Candidates focus on student learning, select a learning segment, submit teaching artifacts and analysis, and assess the teaching event. Credit/no credit grading.
Offered Infrequent

TED 490. Seminar: Issues in Education. (1-3 Units)

Identification of significant and persistent issues in education, to evaluate policy statements and published opinions with an awareness of elements involved. Repeatable course. One to three hours of seminar per week.
Offered As needed

TED 494. Independent Study. (1-3 Units)

Prerequisite: Consent of instructor. Independent study taken under the supervision of a faculty member. Repeatable course.
Offered As needed

TED 495. Special Topics in Teacher Education. (1-6 Units)

Selected topics in teacher education. Repeatable course up to six units.
Offered As needed

TED 501. Lesson Study: Engaging all Students in Learning. (3 Units)

Prerequisites: GED 500 is required. Introduction to the foundations of lesson study and its analysis for induction candidates. Collaboration in designing, observing and discussing lessons to provide universal access and engage all students in learning. Focus on English Learners, GATE students and students with special needs. Course is restricted to majors.
Offered Spring

TED 502. Advanced Lesson Study II: Using Data to Improve Achievement. (3 Units)

Prerequisites: GED 500 is required. Advanced lesson study and its analysis for induction candidates. Collaboration in collecting, analyzing and using data to improve student learning. Focus on students who may be at risk. Course is restricted to majors.

Offered Fall

TED 503. Teacher Action Research Project. (3 Units)

Teacher action research methods course for induction teachers working in urban diverse classrooms. Candidates conduct inquiries on professional practices using scientific methods to improve student achievement.

Offered Spring

TED 504. Colloquium. (3 Units)

Prerequisite: GED 500 is required. Induction candidates do an in-depth intervention to increase student achievement. Multimedia presentation disseminating findings. Focus on students who may be at risk. Course is restricted to majors.

Offered Spring

TED 505. Educational Psychology. (3 Units)

Explores theory, research, and practice related to learning, motivation, and effective and cognitive development. Emphasis on the application of learning principles to classroom learning situations and individual differences.

Offered Fall, Spring

TED 506. Multicultural and Social Foundations of Education. (3 Units)

An investigation and analysis of cultural influences and constructs such as race, gender and class to provide insight into the relationship among the individual, society and school in US education.

Offered Fall, Spring

TED 507. Language Learning: Theory and Practice. (3 Units)

Focuses on theory, research, and teaching practices that concern language in education. using sociocultural theory as a lens, evaluate research and teaching practices that explore how people acquire language in multilingual and multimodal contexts within community, home and school settings.

Offered Fall, Spring

TED 551. Supportive Learning Environments. (3 Units)

Co-requisite: SPE 570. Candidates develop integrated systems for academic and social skills instruction for all students. Course includes study of behavior, positive behavioral interventions and supports, social skills instruction, crisis management, at the school-wide, classroom and individual student level.

Offered Fall, Spring

TED 553. Curriculum Planning, Implementation and Assessment. (3 Units)

Prerequisites: TED 551 and SPE 570 are required. Co-requisite: SPE 571 is required. In-depth study of the processes of curriculum planning, implementation and assessment, and application of these processes to student-generated lessons and units of instruction. Addresses California Standards for the Teaching Profession, data-driven decision making, differentiated instruction, problem-based learning, and instructional leadership.

Offered Fall, Spring

TED 560. MA in Education: Curriculum and Instruction Capstone. (1 Units)

Prerequisites: CUR 510 and CUR 519 are required. Preparation for the M.A. in Education Comprehensive Exam. Consists of small group, candidate presentations of specific TED, GED, and CUR course material.

Offered Fall, Spring

TED 594. Independent Study. (1-6 Units)

Prerequisite: Consent of instructor. Independent research under the supervision of a faculty member.

Offered Fall, Spring, Summer

TED 599. Thesis. (1-6 Units)

Prerequisite: Consent of Advisor. The student will execute an individually planned research effort or a creative project. Students work under individual supervision with assigned faculty. May be repeated up to six units.

Offered Fall, Spring

TED 600. Grad Continuation Course. (1 Units)

Graduate students who have completed their course work but not their thesis, project, or comprehensive examinations, or who have other requirements remaining for the completion of their degree, may maintain continuous attendance by enrolling in this course. Signature of graduate program coordinator required.

Offered Fall, Spring

Dual Language Learning, Certificate

The Dual Language Learning Certificate is designed for educators committed to justice and equity in Dual Language/Bilingual – Spanish & English settings. We engage cutting edge interdisciplinary research, critical educational theories, and practical application across PK-12 content areas. Develop expertise in translanguaging and multilingualism through frameworks related to: power and resistance, intersectionality, critical pedagogies, educational justice, ethnic studies, and critical literacies. All courses will be conducted in Spanish.

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Requirements

Dual Language Learning Certificate (12 units)

| Code | Title | Hours |
|------------------------------|---|-------|
| Required Courses | | |
| DLL 520 | Foundations of Critical (Bi) Literacy in Dual Language & Immersion Education | 3 |
| DLL 521 | Contrastive Linguistics and Assessment for Dual Language Educators | 3 |
| DLL 525 | Practices and Strategies for Bi-Literacy Development in Bilingual/Dual Settings | 3 |
| Electives | | |
| Select one of the following: | | 3 |
| DLL 523 | Academic Discourse and Socio-Emotional Learning | |

| | |
|---------|--|
| DLL 524 | Emergent Learning for Young Dual Language Learners |
| SPE 522 | Teaching Bilingual Learning in Inclusive Dual Settings |

Total Hours

12

Education, Master of Arts Requirements

Degree Requirements: Master of Arts in Education

- Completion of 30 units of course work with a minimum of "B" in all coursework with a 3.0 GPA. No course grade lower than a "C" may be used toward the MA. Candidates must complete coursework in the Core Requirements as well as coursework in one of the Options listed below.
- Continuous Enrollment. Candidates are required to maintain enrollment throughout their MA program. Candidates who have completed the maximum number of required units or have not completed their culminating activity (e.g., thesis, project, or comprehensive examination) must enroll in TED 600 Grad Continuation Course every semester until the degree is awarded. In order to enroll in TED 600 Grad Continuation Course, candidates must submit an application form prior to enrollment (see University Policy on Continuous Attendance Requirement). Enrollment in TED 600 Grad Continuation Course for more than two semesters requires permission of the Program Coordinator and the department chair.
- Transfer Credit. A maximum of 9 units of graduate level coursework from an accredited college or university; coursework must be no older than seven (7) years from the date of MA degree completion. However, no courses may apply toward the required number of units of approved graduate work that have been used to meet the requirements of another degree.
- Time Limit on Coursework. Candidates must complete all of the requirements for the degree within seven (7) years. This time limit commences with the semester of the earliest course used on the candidate's program of study. Course work that does not meet the seven-year deadline will have to be repeated and/or replaced by other courses with the approval of the program advisor.
- Capstone Requirement for the Master's Degree. Candidates must complete a comprehensive examination or thesis and are required to make this decision prior to the completion of 21 semester units, including core courses. Candidates may retake the comprehensive examination one time provided the retake is within the 7-year limit. The thesis is not an option for someone who selected the exam option, but was unable to pass.
- In addition to the major requirements, students must meet all university requirements for the master's degree. Students should consult the section of the University Catalog entitled "Requirements for the Master's Degree."

Completion of Master of Arts in Education (30 units)

Prior to the completion of 21 semester units (including core courses) the graduate student must select one of the following alternatives unless otherwise specified:

Alternative I: Course Work and Examinations (30 or more units)

- Complete an approved program of 30 units of course work with at least a "B" (3.0) average (including core courses).

- Pass a comprehensive written examination. After completion of all course work or during the last semester of course work, the M.A. degree candidate will apply to take the comprehensive examination. There is only one retake opportunity.

Alternative II: Course Work and Thesis/Project (30 or more units)

- Complete approved program with a minimum of 30 units of course work with at least a B (3.0) average (including core courses).
- Complete approved thesis or creative project. See advisor for thesis preparation guidelines. Students must have the approval of a faculty thesis advisor prior to enrolling for thesis credit (TED 599 Thesis). Complete Intent to Submit Thesis/project form through the Graduate Studies website <https://www.csudh.edu/gsr/graduate-studies/current-students/thesis/>. Note that the thesis is not an option for someone who selected the exam option but was unable to pass.

Core Requirements (15 units)

Students are required to complete the following courses and select one of the options listed below to complete the degree requirements.

| Code | Title | Hours |
|--------------------|---|-----------|
| CUR 510 | Process of Curriculum Development | 3 |
| CUR 518 | Research for the Teacher Scholar | 3 |
| CUR 519 | Adv Stud in Curric Practices | 3 |
| TED 506 | Multicultural and Social Foundations of Education | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |
| Total Hours | | 15 |

Curriculum and Instruction Option (15 units)

| Code | Title | Hours |
|---|--|----------|
| A. Select one course from the following (3 units): | | 3 |
| CUR 514 | Trauma and Healing Informed Pedagogy | |
| CUR 516 | Sem Curr Dev Science Math | |
| NOTE: Students may also use CUR 514 or CUR 516 as an elective if not used in section A. | | |
| B. Electives (12 units) | | |
| CUR 520 | Seminar in Ethnic Studies in Education | 3 |
| CUR 521 | Seminar in Critical Race Praxis in Education | 3 |
| TED 505 | Educational Psychology | 3 |
| TED 599 | Thesis | 1-6 |

NOTE: Students completing Alternative I course work will complete comprehensive examination in CUR 519. Students in Alternative II course work will complete 6 units of Thesis course work.

CURRICULUM AND INSTRUCTION OPTION: SCIENCE EDUCATION EMPHASIS (31 UNITS)

The Division is currently not accepting students into the MA in Education Curriculum and Instruction: Science Education Emphasis Option. For more information, please contact the Division of Teacher Education (310) 243-3496.

Dual Language Learning Option (15 units)

| Code | Title | Hours |
|----------------------------|--|-------|
| Complete Core Requirements | | 15 |
| DLL 520 | Foundations of Critical (Bi) Literacy in Dual Language & Immersion Education | 3 |
| DLL 521 | Contrastive Linguistics and Assessment for Dual Language Educators | 3 |

| | | |
|---------------------------------------|---|-----------|
| DLL 525 | Practices and Strategies for Bi-Literacy Development in Bilingual/Dual Settings | 3 |
| SPE 522 | Teaching Bilingual Learning in Inclusive Dual Settings | 3 |
| Select one course from the following: | | 3 |
| DLL 523 | Academic Discourse and Socio-Emotional Learning | |
| DLL 524 | Emergent Learning for Young Dual Language Learners | |
| Total Hours | | 30 |

Transitional Kindergarten Option (15 units)

The Division is currently not accepting students into the MA in Education: Transitional Kindergarten Option. For more information, please contact the Division of Teacher Education (310) 243-3496

| Code | Title | Hours |
|----------------------------|--|-----------|
| Complete Core Requirements | | |
| SPE 501 | Creating Effective Inclusive Settings for Young Children w/Exceptionalities,Families,& Professionals | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |
| TKK 501 | Dynamics of Early Childhood Development and Growth | 3 |
| TKK 503 | Mathematical and Scientific Concepts and Reasoning for Young Children | 3 |
| TKK 502 | Critical Literacy and Social Studies for Young Children | 3 |
| Total Hours | | 15 |

Urban Teacher Residency Program

The Division is currently not accepting students into the Urban Teacher Residency Program.

For more information, please contact the Division of Teacher Education.

Residents blend the rigor and theory of a master's degree in curriculum and instruction with the practice and pragmatism of a single-subject (secondary) credential in math or science, combined with a year-long residency in the classroom of an experienced, trained mentor teacher in partner schools.

1. PHASE ONE (12 UNITS)

| Code | Title | Hours |
|--------------------|-------------------------------------|-----------|
| TED 400 | Introduction to Education | 3 |
| TED 414 | Cultural Ecology in the Classroom | 3 |
| GED 501 | Seminar in Learning and Development | 3 |
| GED 503 | Socio-Cultural Issues in Education | 3 |
| Total Hours | | 12 |

Requirements for Advancement to the Residency

- Completion of Phase One courses with an overall grade point average of 3.0 and no grade lower than C.
- Bilingual Authorization candidates: completion of written and culture competencies. (Consult with the Bilingual Authorization advisor for information on how to meet these competencies.)

2. PHASE TWO (15 UNITS)

| Code | Title | Hours |
|--------------------|-----------------------------------|-----------|
| GED 500 | Research Methods in Education | 3 |
| CUR 510 | Process of Curriculum Development | 3 |
| TED 453 | Teaching Practices Seminar | 3 |
| TED 467 | Secondary Teaching Methods I | 3 |
| TED 407 | Languages in Praxis | 3 |
| Total Hours | | 15 |

PHASE THREE (23 UNITS)

| Code | Title | Hours |
|--------------------|--------------------------------|-----------|
| CUR 516 | Sem Curr Dev Science Math | 3 |
| TED 406 | Teaching Secondary Reading | 3 |
| TED 455 | Student Teaching: Secondary | 12 |
| TED 468 | Secondary Teaching Methods II | 3 |
| TED 488 | Teaching Event: Single Subject | 2 |
| Total Hours | | 23 |

Summary of Single Subject Preliminary Credential Requirements

A recommendation of a Single Subject Preliminary Credential may be made when the candidate has:

1. Completed a bachelor's degree from an accredited university;
2. Completed all education courses with an overall grade point average of 2.75 with no grade lower than a C;
3. Completed the CalTPA successfully;
4. Demonstrated subject matter competence; and
5. Completed US Constitution requirement.

Single Subject Credential - Transition to Teaching Online Program

The Division is currently not accepting students into the Transition to Teaching Online Program. For more information, please contact the Division of Teacher Education (310) 243-3496.

Requirements

TERM ONE (15 UNITS)

| Code | Title | Hours |
|--------------------|---|-----------|
| TED 426 | Foundations of Education | 6 |
| TED 427 | Content Pedagogy I | 6 |
| TED 428 | Early Field Observation and Participation | 3 |
| Total Hours | | 15 |

Requirements for Advancement to Term II

1. Completion of Term One courses with an overall grade point average of 2.75 and no grade lower than C.
2. Bilingual Authorization candidates: completion of written and culture competencies. (Consult with the Bilingual Authorization advisor for information on how to meet these competencies.)

TERM TWO (15 UNITS)

| Code | Title | Hours |
|---------|-------------------------|-------|
| TED 429 | Supporting All Students | 6 |
| TED 430 | Content Pedagogy 2 | 6 |

| | | |
|--------------------|------------------------------|-----------|
| TED 431 | Lab School Fieldwork Seminar | 3 |
| Total Hours | | 15 |

Requirement for Advancement to Term III

1. Application for Advancement to Fieldwork

TERM THREE (15 UNITS)

| Code | Title | Hours |
|--------------------|-------------------------------|-----------|
| TED 432 | Interdisciplinary Teaching | 6 |
| TED 438 | Teaching Event and Assessment | 3 |
| TED 465 | Fieldwork: Secondary Interns | 6 |
| Total Hours | | 15 |

Designated Subject Adult Education Teaching Credential

The Division is currently not accepting students into the Designated Subjects Adult Education Teaching Credential program. For more information, please contact the Division of Extended Education (310) 243-3741.

The Designated Subject Adult Education Teaching Credential Program is designed for students who meet requirements for a Two-Level Preliminary Adult Education Credential and would like to fulfill requirements for a Professional Clear Adult Education Credential. Graduates find employment in public and private schools, community agencies, private industry, health services, government agencies, military settings, correctional and religious institutions, volunteer agencies, and centers for older adults.

Requirements for the Two-Level Preliminary Adult Education Teaching Credential

1. Qualifying Experience and/or Education
 - Academic Subjects
 - English as a Second Language
 - Elementary and Secondary Basic Skills
 - A Language Other Than English
 - English
 - Fine Arts
 - Life Science, including General Science
 - Physical Science, including General Science
 - Mathematics
 - Social Science Qualifying education for an adult education credential authorizing the teaching of an academic subject shall include a baccalaureate or higher degree completed at a regionally accredited college or university and completion of 20 semester units or 10 upper division semester units in the subject to be taught.
 - Non-Academic Categories
 - Adults with Disabilities
 - Older Adults
 - Health and Safety
 - Parent Education
 - Home Economics
 - Vocational Education
- Qualifying experience, or experience and education, or education, for an adult education credential authorizing the teaching of a

non-academic subject shall meet one of the criteria described in the table below:

| Yrs of Subject- Related Education and/or Training | Experience Required |
|---|--|
| High school diploma or equivalent | + 5 years |
| 24 semester units of college course work | + 4 years including a minimum of 4 semester units in the subject to be taught |
| 48 semester units of college course work | + 3 years including a minimum of 8 semester units in the subject to be taught |
| 72 semester units of college course work | + 2 years including a minimum of 12 semester units in the subject to be taught |
| 96 semester units of college course work | + 1 year including a minimum of 16 semester units in the subject to be taught |
| Bachelor's or higher degree completed at a regionally accredited college or university with 20 semester units, or 10 upper division units in the subject to be taught | + 0 years |

2. Knowledge of the Constitution of the United States: Competency of the U.S. Constitution requirement (POL 101 American Institutions or equivalent).
3. Passage of the California Basic Education Skills Test (CBEST). Applicants for the adult credential in **non-academic** subjects are exempt from this requirement.

Professional Clear Adult Education Teaching Credential (14 units)

The Division is currently not accepting students into the Professional Clear Adult Education Teaching Credential program. For more information, please contact the Division of Extended Education (310) 243-3741.

Requirements

1. A valid Preliminary Adult Education Teaching Credential.
2. Verification of Level I completion.
3. Verification of four terms or two years of successful teaching adult learners authorized by the preliminary adult education teaching credential while holding the valid preliminary credential.
4. Completion of Level I and Level II Course work for the Professional Clear Credential

LEVEL I COURSES

| Code | Title | Hours |
|--------------------|---|----------|
| TED 418 | Methods and Materials of Adult Education, Part I | 2 |
| TED 419 | Methods and Materials of Adult Education, Part II | 2 |
| TED 421 | Principles Of Adult Education | 2 |
| Total Hours | | 6 |

Professional clear credential candidates must complete the Level I classes within the first two years of the two-level preliminary credential.

LEVEL II COURSES

| Code | Title | Hours |
|--------------------|---|----------|
| TED 420 | Computer Literacy for Teachers | 1 |
| TED 417 | Seminar In Adult Education | 1 |
| TED 423 | Super Fld Exper: Adult Ed | 2 |
| TED 424 | Counseling and Guidance for Teachers of Adult Education | 2 |
| HEA 300 | Health in Public Education | 3 |
| Total Hours | | 9 |

Professional clear credential candidates must complete the Level II classes by the end of the fifth year of the preliminary credential.

PLO1. Demonstrate intersectional approaches to advanced knowledges reflecting foundational and current critical pedagogies/theories that are responsive/sustaining within education at a graduate level.

PLO2. Interrogate power and resistance from critical perspectives as teacher/scholar practitioners through reflexivity and writing (APA) - while sustaining the multilingual and multiliterate repertoires of the students and communities we serve at a graduate level.

PLO3. Graduate students are expected to articulate advanced (and original) ideas associated with the guiding principles of critical pedagogy at a graduate level through multi-modal expressions. They will share these critical perspectives in class, in student, local/global, and community conferences, and in other related spaces.

PLO4. Engage in collaborative, critical implementation and introspection as a teacher/scholar within their discipline and make meaningful contributions to their field, organizations, and communities at a graduate level

PLO5. Demonstrate abilities to contribute to the development of their discipline and work in responsive, intersectional, and justice-focused ways.

Plan of study

Multiple Subject Preliminary: Student Teaching Option, Credential

The Multiple Subject Preliminary Credential authorizes its holder to teach in a self-contained classroom, usually grades transitional kindergarten through six.

Student Teaching Option (51 units)

Candidates enrolled in the Student Teaching Option are not contracted teachers and are assigned to master teachers in a public school setting for their supervised field experiences. In addition, student teachers receive support and guidance from a university supervisor. In the Student Teaching Option, there are three phases. The program sequence in the Student Teaching Option allows candidates to complete their coursework and exit requirements in one year, if they begin the program in the summer semester.

PHASE ONE (12-18 UNITS)

CSUDH LBS students with catalog rights beginning Fall 2016 are exempt from Phase I courses (for credential only). After being accepted to the program, proceed directly to Phase II.

| Code | Title | Hours |
|---------|---|-------|
| TED 400 | Introduction to Education | 3 |
| TED 413 | Elementary Physical Education, Visual and Performing Arts Methods | 3 |
| TED 414 | Cultural Ecology in the Classroom | 3 |
| TED 505 | Educational Psychology ¹ | 3 |
| TED 506 | Multicultural and Social Foundations of Education ¹ | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |

Footnotes

¹Can be taken in Phase I or Phase II.

Requirements for Advancement to Phase Two

- Submit Phase II Student Teaching Application by April 1 for fall and November 1 for spring.
- Include: Program Plan sheet signed by an advisor, verification of completed CSET or Subject Matter Competence Letter
- Provide two emails for letters of recommendations, and valid CPR card (infant, child, and adult) valid for at least two more semesters. Phase II application is semester specific; if you do not attend, you will need to reapply.
- Completed CSET scores for Phase II application (documents only, application must be submitted by phase II deadline) are due by July 15 for fall and November 15th for spring.

PHASE TWO (15 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| TED 416 | Elementary Science Methods | 3 |
| TED 433 | Teaching Practices Seminar | 3 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |

REQUIREMENTS FOR ADVANCEMENT TO PHASE THREE

Submit Phase III Application by April 1 for Fall and November 1 for Spring. Application is semester specific; if you do not attend, you will need to reapply.

PHASE THREE (15-18 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 412 | Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom | 4 |
| TED 435 | Elementary Student Teaching | 12 |
| TED 448 | Teaching Event: Multiple Subject | 2 |

Multiple Subject Preliminary: University Intern Option, Credential

The Multiple Subject Preliminary Credential authorizes its holder to teach in a self-contained classroom, usually grades transitional kindergarten through six.

University Intern Option (41-50 units)

Candidates enrolled in the University Intern Option are contracted teachers, without a preliminary credential, currently teaching K-12 students. They are supervised for fieldwork in their own classroom by trained university supervisors and site-based coaches who provide support and guidance. There are three phases in the University Intern Option. Courses in each phase must be completed before enrolling in the next phase.

PHASE ONE (18 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 400 | Introduction to Education | 3 |
| TED 413 | Elementary Physical Education, Visual and Performing Arts Methods | 3 |
| TED 414 | Cultural Ecology in the Classroom | 3 |
| TED 505 | Educational Psychology ¹ | 3 |
| TED 506 | Multicultural and Social Foundations of Education ¹ | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |

Footnotes

¹Can be taken in Phase I or Phase II.

Requirements for Advancement to Clinical Practice

1. Phase II University Intern Option Application is due April 1 for fall semester and November 1 for spring semester. Completion of Phase One courses with an overall grade point average of 2.75 and no grade lower than C.
2. Bilingual Authorization candidates: Completion of written and cultural competencies. (Consult with the Bilingual Authorization advisor for information on how to meet these competencies.)

PHASE TWO (16 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 403 | Elementary Reading/Language Arts I: K-3 | 3 |
| TED 410 | Elementary Mathematics Methods | 3 |
| TED 445 | Fieldwork: Elementary Interns | 6 |
| TED 446 | Introduction to Internship: Multiple Subject University Intern | 1 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |

Requirements for Advancement to Phase Three

Submit Phase III Application by April 1 for Fall and November 1 for Spring. Application is semester specific; if you do not attend, you will need to reapply.

3. PHASE THREE (15 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 412 | Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom | 4 |
| TED 416 | Elementary Science Methods | 3 |
| TED 445 | Fieldwork: Elementary Interns | 6 |
| TED 448 | Teaching Event: Multiple Subject | 2 |

Summary of Multiple Subject Preliminary Credential Requirements

A recommendation of a Multiple Subject Preliminary Credential may be made when the candidate has:

1. Completed a bachelor's degree from an accredited university;
2. Completed all the education courses for the program with an overall grade point average of 2.75 with no grade lower than a C;
3. Completed the CalTPA, successfully;
4. Demonstrated subject matter competence;
5. Completed US Constitution requirement; and
6. Passed the Reading Instruction Competence Assessment (RICA).

Pre-Service Teacher Bilingual Authorization in Spanish, Certificate Preliminary Credential Bilingual Authorization Applicants (Spanish)

Bilingual Authorization applicants must demonstrate language competencies in Spanish by **one** of the following methods:

1. Completion of SPA 280 Grammar for Spanish Composition and SPA 341 Advanced Conversation, with grade expectations adhering to the departmental policy (e.g., Liberal Studies, Teacher Education, Special Education).
2. Passing score on CSET: Subtest III. (See CSET Website: <http://www.ctcexams.nesinc.com> (<http://www.ctcexams.nesinc.com/>));

Bilingual applicants must demonstrate methods competencies through two courses: TED 439 and TED 440 (add course titles)

1. Multiple Subject candidates will enroll in the bilingual sections of TED 403 Elementary Reading/Language Arts I: K-3, TED 410 Elementary Mathematics Methods, TED 416 Elementary Science Methods, and TED 412 Teaching History-Social Studies and Content Area Literacy in the Elementary Classroom, when available.

Bilingual Authorization applicants must demonstrate bilingual/dual language practicum competencies for at least 20 hours in a clinical practice setting (i.e., TED 433/453 or during your university internship).

Bilingual Authorization Alternate Pathways

1. Masters in Education, Option: Dual Language Learning (31 units)
2. Certificate – Dual Language Learning (12 units)

Note: Bilingual Authorization applicants must demonstrate bilingual/dual language practicum competencies for at least 20 hours in a clinical practice setting

Classified Standing

Successful admission to the university with the following conditions:

- Candidates who satisfy all the requirements for university and program admission will be admitted with Classified Standing.
- Candidates accepted with Conditional Standing will have one semester to meet the conditions for Classified Standing

Requirements

| Code | Title | Hours |
|--|---|-----------|
| Upper Division Required Courses | | |
| SPA 280 | Grammar for Spanish Composition | 3 |
| SPA 341 | Advanced Conversation | 3 |
| TED 433 | Teaching Practices Seminar | 3 |
| TED 439 | Heritage Language Learner Pedagogies with Plurilingual TK-12 Students | 3 |
| TED 440 | Critical Biliteracy with Plurilingual Communities | 3 |
| Total Hours | | 15 |

Note: Students must take these courses at CSUDH.

Single Subject Preliminary: Student Teaching Option, Credential

The Single Subject Preliminary Credential authorizes its holder to teach in departmentalized classes, usually in the middle or high school.

Individuals wishing to teach only physical education, art, or music at either the elementary or secondary level are generally also required to hold a Single Subject Preliminary Credential, as well.

Student Teaching Option (44 units)

Candidates enrolled in the Student Teaching Option are not contracted teachers and are assigned to master teachers in a public school setting for their supervised student teaching field experiences. In addition, student teachers receive support and guidance from a university supervisor. In the Student Teaching Option, there are three phases. The program sequence in the Student Teaching Option allows candidates to complete their coursework and exit requirements in one year if they begin the program in the summer semester.

PHASE ONE (12-18 UNITS)

CSUDH LBS students with catalog rights beginning Fall 2016 are exempt from Phase I courses (for credential only). After being accepted to the program, proceed directly to Phase II.

| Code | Title | Hours |
|---------|--|-------|
| TED 400 | Introduction to Education | 3 |
| TED 414 | Cultural Ecology in the Classroom | 3 |
| TED 467 | Secondary Teaching Methods I | 3 |
| TED 505 | Educational Psychology ¹ | 3 |
| TED 506 | Multicultural and Social Foundations of Education ¹ | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |

Footnotes

¹Can be taken in Phase I or Phase II.

Requirements for Advancement to Phase Two

- Submit Phase II Student Teaching Application by April 1 for fall and November 1 for spring.
- Completed CSET scores for Phase II application (documents only, application must be submitted by phase II deadline) are due by July 15 for fall and July 15th for spring.

- Include: Program Plan sheet signed by an advisor, verification of completed CSET or Subject Matter Competence Letter, provide two emails for letters of recommendations, and valid CPR card (infant, child, and adult) valid for at least two more semesters. Phase II application is semester specific; if you do not attend, you will need to reapply.

PHASE TWO (12 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 406 | Teaching Secondary Reading | 3 |
| TED 453 | Teaching Practices Seminar | 3 |
| TED 468 | Secondary Teaching Methods II ¹ | 3 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |

Footnotes

¹Physical Education candidates enroll in KIN 448 Tchg Effect Sec PE instead of TED 468 Secondary Teaching Methods II.

Requirements for Advancement to Phase Three

Submit Phase III Application by April 1 for Fall and November 1 for Spring. Application is semester specific; if you do not attend, you will need to reapply.

PHASE THREE (14 UNITS)

| Code | Title | Hours |
|---------|--------------------------------|-------|
| TED 455 | Student Teaching: Secondary | 12 |
| TED 488 | Teaching Event: Single Subject | 2 |

Single Subject Preliminary: University Intern Option, Credential

University Intern Option (36-39 units)

Candidates enrolled in the University Intern Option are contracted teachers, without a preliminary credential, currently teaching K-12 students. They are supervised for fieldwork in their own classroom by trained university supervisors and site-based coaches who provide support and guidance. There are three phases in the University Intern Option. Courses in each phase must be completed before enrollment in the next phase.

PHASE ONE (12-18 UNITS)

| Code | Title | Hours |
|---------|--|-------|
| TED 400 | Introduction to Education | 3 |
| TED 414 | Cultural Ecology in the Classroom | 3 |
| TED 467 | Secondary Teaching Methods I | 3 |
| TED 505 | Educational Psychology ¹ | 3 |
| TED 506 | Multicultural and Social Foundations of Education ¹ | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |

Footnotes

¹Can be taken in Phase I or Phase II.

Requirements for Advancement to Phase Two

- Submit Phase II University Intern Option Fieldwork Application by April 1 for fall and November 1 for spring.
- Include: Program Plan sheet signed by an advisor, verification of completed CSET or Subject Matter Competence Letter, provide 2 emails for letters of recommendations, and valid CPR card (infant, child, and adult) valid for at least two more semesters. Phase II application is semester specific; if you do not attend, you will need to reapply

2. PHASE TWO (16 UNITS)

| Code | Title | Hours |
|---------|---|-------|
| TED 406 | Teaching Secondary Reading | 3 |
| TED 465 | Fieldwork: Secondary Interns | 6 |
| TED 466 | Introduction to Internship: Single Subject University Intern | 1 |
| TED 468 | Secondary Teaching Methods II ¹ | 3 |
| SPE 482 | Educating Students with Special Needs within Inclusive Settings | 3 |

Footnotes

¹Physical Education candidates enroll in KIN 448 Tchg Effect Sec PE instead of TED 468 Secondary Teaching Methods II.

Requirements for Advancement to Phase Three

Submit Phase III University Intern Option (Fieldwork II) Application by April 1 for Fall and November 1 for Spring. Application is semester specific; if you do not attend, you will need to reapply.

3. PHASE THREE (8 UNITS)

| Code | Title | Hours |
|---------|--------------------------------|-------|
| TED 465 | Fieldwork: Secondary Interns | 6 |
| TED 488 | Teaching Event: Single Subject | 2 |

Subject Matter Authorizations

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure an Introductory Subject Matter Authorization that allows the holder to teach the subject matter content typically included in curriculum guidelines and textbooks approved for study in grades 9 and below. This allows an employer to assign a teacher with an Introductory Subject Matter Authorization to teach a class in which the curriculum is for grades 9 and below but the students in the class may be in grades K-12.

To qualify, individuals must satisfy all of the following requirements:

1. Possess a valid prerequisite teaching credential
2. Complete one of the following:
 - 32-semester units of non-remedial course work in the subject, including a minimum of three semester units of course work in each content area. The balance of the units may be in any course within the subject category. (Exception: the subject of Science requires at least six semester units in each of the four science content areas [biological sciences, chemistry, geosciences, and physics]). (See CCTC website www.ctc.ca.gov/ (<https://www.ctc.ca.gov/>) (<https://www.ctc.ca.gov/>))

(<http://www.ctc.ca.gov/>) for a list of subjects and content areas within subjects.);

- a degree major from a regionally-accredited college or university in a subject directly related to the subject to be listed on the credential.

Holders of a Single Subject or Multiple Subject credential issued by the California Commission on Teacher Credentialing may secure a Specific Subject Matter Authorization that allows the holder to teach the specific subject in grades preschool, kindergarten-12, and classes organized primarily for adults.

To qualify, individuals must satisfy all of the following requirements:

1. Possess a valid prerequisite teaching credential
2. Complete one of the following:
 - 32-semester units of non-remedial coursework (Exception: the subject of History requires a minimum of 16-semester units in both world history and U.S. history.) See CCTC website www.ctc.ca.gov/ (<https://www.ctc.ca.gov/>) (<https://www.ctc.ca.gov/>) for a list of subjects.);
 - a degree major from a regionally-accredited college or university in a subject directly related to the subject to be listed on the credential.

Course Work Requirements for Subject Matter Authorizations

Acceptable course work must be:

1. Completed with a grade of "C" or better ("credit", "passing", or "satisfactory" grades are acceptable).
2. Applicable toward a bachelor's degree or a higher degree (elective or non-elective, non-remedial).
3. Taken at a regionally accredited institution.
4. Granted regular semester or quarter-hour credit.
5. Taken from the subject department of the subject matter authorization being sought.

The following coursework may be used as long as it meets the criteria listed above:

1. Community college, correspondence, online, or extension course work.
2. Advanced placement unit (requires an official transcript of the course and written verification from the college or university admission or registrar's office that the units were used towards a bachelor's degree and are in the subject category of the requested subject matter authorization).

Unacceptable course work includes:

1. Course work that is not applicable toward a bachelor's degree or higher degree.
2. Professional development or continuing education units.
3. In-service training or workshop.
4. Education and education methodology course work unless a letter is provided by the chair of the subject area department stating that the course is equivalent to one offered by that department.

5. Course work from a department other than the subject matter authorization is being sought unless a letter is provided from the chair of the subject area department stating that the course is equivalent to one offered by that department.

Subject Matter Authorization Programs include:

- Biology, Subject Matter Preparation (p. 410)
- Chemistry, Subject Matter Authorization (p. 447)
- English, Subject Matter Preparation (p. 553)
- Introductory and Specific Music, Subject Matter Authorization (p. 703)
- Introductory Mathematics, Subject Matter Authorization (p. 690)
- Physical Education, Subject Matter Preparation (p. 641)
- Spanish, Subject Matter Preparation (p. 834)
- Specific History Subject Matter Authorization (p. 600)
- Subject Matter Authorizations (p. 867)

Transitional Kindergarten, Certificate

The Division is currently not accepting students into the Transitional Kindergarten Certificate program. For more information, please contact the Division of Teacher Education (310) 243-3496

Requirements

Transitional Kindergarten Certificate (24 units)

| Code | Title | Hours |
|--------------------|--|-----------|
| SPE 501 | Creating Effective Inclusive Settings for Young Children w/Exceptionalities,Families,& Professionals | 3 |
| TED 505 | Educational Psychology | 3 |
| TED 506 | Multicultural and Social Foundations of Education | 3 |
| TED 507 | Language Learning: Theory and Practice | 3 |
| TKK 501 | Dynamics of Early Childhood Development and Growth | 3 |
| Total Hours | | 15 |

Theatre Arts

College of Arts and Humanities (<https://www.csudh.edu/cah/>)
Department of Theatre and Dance (<https://www.csudh.edu/theatre-arts/>)

Program Description

The Bachelor of Arts in Theatre Arts prepare students in the areas of Performance, Theatrical Design and Technology, and Literature/History. Our program is multi-cultural and multi-ethnic by nature and offers a wide range of theatre techniques to explore. The Theatre Performance Minor focuses on acting and directing, while the Theatre Education Minor doubles as both a general program and preparation for future teachers.

The B.A. in Theatre Arts offers courses in the field of acting and directing, design and technical theatre, theatre history, dramatic literature, multicultural children's theatre, speech, and drama for the classroom. Students and faculty often collaborate with other departments including Art, Dance, Music, Digital Media, English and Humanities.

Features

Theatre Arts Majors and Minors participate in the department's ambitious production program through acting; scenic, lighting, and costume design;

set construction; stage management; and theatre production. Students receive academic credit for their participation. Freshperson and sophomore Theatre Arts majors have the opportunity to secure roles in Theatre productions. The department presents four shows each year, in the University Theatre or Edison Studio Theatre that range in styles from Contemporary, Multicultural, Shakespeare to Musical Theatre. Students have the opportunity to participate each year at KCACTF (Kennedy Center American College Theatre Festival), USITT (United States Institute for Theatre Technology, Forensics Competitions, and other performance venues throughout the year.

The Department of Theatre and Dance maintains active membership in KCACTF (Kennedy Center American College Theatre Festival), USITT (United States Institute for Theatre Technology, and ACDA (American College Dance Association). The Theatre Arts Program is accredited by the National Association of Schools of Theatre (NAST). NAST is located at

11250 Roger Bacon Drive, Ste. 21,
Reston, VA 22090.

Academic Advisement

The Theatre Arts Program places great importance on the advisement process. We request that students meet with their respective advisors for consultation. To obtain an advisor, students should contact Bill DeLuca, Katie Dowse, or Shaunté Caraballo to schedule a first meeting. Educational goals and previous theatre experience will be discussed during the first advisement meeting. Based on this discussion, the progression of the student's major and minor requirements will be planned. Career opportunities will also be discussed.

Dedication and commitment are the keys to the successful pursuit of a career in theatre. To help students achieve high academic and production standards, the department requires all majors and minors to pass their required classes with a "C" grade or better. Students who receive lower than a "C" will need to "Repeat and Cancel" that course in the following semester.

Preparation

The B.A. in Theatre Arts strongly suggests that students wishing to major in theatre arts be able to deal effectively with the English language. Six to eight courses of college preparatory English are advised. In addition, students should have a strong background in vocal skills and basic movement capabilities. Since the theatre affects and makes use of the whole person, awareness and development of the human body and voice are equally important as the development of the human mind. Students are urged to take courses in speech, diction, singing, dance, fencing, stage combat, yoga, Pilates, and other recreational activities.

Student Organizations

- Toro Forensics- is an award-winning Speech team that competes annually in Public Speaking, Debate, Oral Interpretation, and theatrical performance tournaments held throughout Southern California. Students acquire excellent training in speech support, articulation, organization, and non-verbal delivery skills.
- Teatro Dominguez is open to all students and provides high-quality theatrical programs that inform, delight and promote cross-cultural understanding in the Dominguez communities. As actors and directors, discussion leaders, stage managers, playwrights, and business managers, members receive a full

experience in developing life skills that will make them effective leaders in today's pluralistic society.

- The New African Grove Black Theatre Program (BTP) is a performing arts company comprised of students, alumni, and guest artists. The BTP offers performances, industry showcases, and community outreach that illuminates the Black experience for people of all ages and ethnic groups.

Graduation with Honors

An undergraduate student may graduate with Honors in Theatre Arts if the following criteria are met:

1. A minimum of 36 units in residence at CSU Dominguez Hills.
2. A minimum GPA of at least 3.5 in all courses is used to satisfy the upper-division requirements.

Career Possibilities

Opportunities in the field of acting are expanding as a result of the establishment of year-round professional acting companies, the growth of summer and winter stock companies, outdoor and regional theatre, repertory companies, and dinner theatre. Commercial television, cable television, the Public Broadcast System (PBS), and the movie and music industry employ many actors, as well as other talented personnel. Opportunities also exist in university and community theatre programs.

Related careers available to graduates include the following occupations: actor, playwright, drama coach, dramaturge, theatre historian, critic, designer (set, lighting, sound, costume), make-up artist, technician, theatre manager, director, producer, announcer, recreation director, dancer, musician, entertainer, arts administrator, sales representative, model, and dramatic agent.

Many graduates from the Theatre Art Program find secondary careers in the field of education. Our majors and Theatre Education minors learn how to adapt theatre games, improvisation, pantomime, and storytelling, to help their students in primary and secondary classrooms to develop social, communication, creative, and problem-solving skills.

Undergraduate Programs

Bachelor

- Theatre Arts, Bachelor of Arts (p. 871)

Minor

- Speech, Minor (p. 871)
- Theatre Education, Minor (p. 873)
- Theatre Performance, Minor (p. 873)

Faculty

Doris Ressler, Chair, Department of Theatre and Dance
William DeLuca, Donis Leonard, Shaunté Caraballo,

Program Office: LCH A-109, (310) 243-3588

Emeriti Faculty

Sydell Weiner

Courses

THE 100. Television Film & Theatre. (3 Units)

Appreciation of the performing arts of television, film, and the live theatre through the viewing of films and videotapes, as well as attendance at plays and musicals.

Offered Fall, Spring

THE 120. Fundamentals of Speech. (3 Units)

Introduction to the basic principles of speech communication. Classes cover the use of organization and evidence in speech preparation, and emphasize research and performance techniques. Students develop speeches for a variety of topics and situations. A-C-/NC grading.

Offered Fall, Spring, Summer

THE 160. Acting For Non-Majors. (3 Units)

Introductory course for non-majors who wish to develop awareness and control of the voice and body while building self-confidence, and improving concentration and imagination.

Offered Fall, All terms

THE 251. Script Analysis. (3 Units)

A study of classical and contemporary dramas in terms of plot, character, theme, and language. Students analyze one script per week.

Offered Fall

THE 264. Acting I. (3 Units)

An integrative approach to the actor's emotional, intellectual, physical, and vocal tools. Exercises in characterization, voice, and movement will be emphasized.

Offered Fall

THE 269. Voice and Movement. (3 Units)

Foundational course for anyone interested in performing in Theatre, Film, or Television, or improving their speaking voice and strengthening their body. Voice and Movement allows students to engage their voices and body to effectively speak and communicate.

Offered All terms, Spring

THE 313. Voices of Contemporary Women Playwrights. (3 Units)

Prerequisite: Upper division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. By analyzing their dynamic writings, this course investigates the contributions of women to the modern dialogue on gender issues. Students will demonstrate how female playwrights have continually crossed boundaries to break with traditions and sculpt new cultural conventions.

Offered Fall, Spring

THE 315. Key Concepts: The American Musical. (3 Units)

Participation in any aspect of campus theatre or television production including (but not limited to) acting, stage management, scenery, lighting, costume, construction, audio, properties, box office, promotion, and running crews. This participation includes attendance at Theatre Arts productions for the semester enrolled.

Offered Infrequent

THE 317. Theatre of Revolt. (3 Units)

Prerequisites: Upper division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. Investigates the revolutionary impulse that has promoted modern drama in African, European, American and Asian/Pacific societies. Students learn how modern playwrights have continually crossed boundaries to break with traditions and sculpt new conventions.

Offered Fall

THE 319. The Power of Masks. (3 Units)

Prerequisites: Upper-division integrative coursework must be taken after 60 semester units and the lower division components of General Education (or their equivalent) have been completed. Covers the significance and function of ritual masks in African, European, American and Asian/Pacific societies; mask usage in literature, and the visual and performing arts; and the integration of psychological masking in human behavior.

Offered Fall

THE 320. Speech Skills and Techniques. (3 Units)

Effective and persuasive oral communication in a variety of situations: formal address, group discussion interviews, chairing of meetings, and others. Of particular value for Liberal Studies majors, managers and business persons.

Offered Spring

THE 322. Oral Interpretation of Literature. (3 Units)

Principles and practice in the effective delivery of readings in drama, poetry, and prose.

Offered Spring

THE 323. Interpersonal Communication. (3 Units)

Prerequisite: THE 120. Introductory study of interpersonal communication in face-to-face interaction; consideration of interpersonal roles, needs, barriers, perceptions, and adaptation.

Offered Infrequent

THE 326. Persuasion. (3 Units)

Discussion of techniques in argumentation and debate; logic, reasoning, and fallacies of reasoning; gathering and testing of evidence, construction of bases, and skills of refutation; practical application through debates about current issues.

Offered Infrequent

THE 329. Forensics Workshop. (3 Units)

Introduces the basic principles used in debate, persuasive speaking, oral interpretation, reader's theatre, and other competition events. Students discuss the use of organization and evidence in speech preparation, and research and performance techniques. Students participate in local intercollegiate competition events.

Offered Spring

THE 337. Creative Dramatics. (3 Units)

Creating, planning and assessing dramatic exercises, including theatre games, pantomime, and improvisation. Of particular value to prospective teachers of young children.

Offered Spring, All terms

THE 339. Multicultural Children's Theatre. (3 Units)

Analysis of educational theatre, multicultural plays, and folktales. Students discuss educational theatre production and how to create culturally-enriching programs at K-12 schools.

Offered Fall

THE 340. Costuming. (3 Units)

An introduction to the principles, elements and practicalities of costume design and their relation to design in the Theatre. Lectures on the elements and procedures in costume design, combined with practical exercises from individual skill-building projects.

Offered Spring odd

THE 341. Makeup and Hair. (3 Units)

An introduction to the principles, elements and practicalities of Makeup and Hair for theatre production. Students learn how to communicate design choices both visually and verbally through research, drawing and three dimensional makeup.

Offered Spring

THE 342. Fundamentals of Theatre Design. (3 Units)

A course in Theatre Arts Utilizing research, discussion and workshop demonstrations in order to integrate the six major areas of theatre design: scenery, costume, lighting, makeup, properties and audio.

Offered Fall

THE 343. Design/Tech II: The Design Experience. (3 Units)

Prerequisites: THE 243. Students are assigned design projects both on and off campus, where they can apply their skills. Students will work under the supervision of lead and/or master designers.

Offered Spring

THE 344. Stagecraft. (3 Units)

Study of basic skills and procedures used to realize a design idea into a finished stage production. Explores practical applications of artistic and structural design, project management, term development, construction techniques, and resource coordination.

Offered All terms, Spring

THE 345. Scene Design. (3 Units)

The basic techniques of the principles and practices of scenic design for stage. Included are design functions, construction, painting, modeling, history and theories of design.

Offered All terms, Spring

THE 346. Theatre Workshop. (3 Units)

Prerequisites: Consent of instructor and department chair. Investigation of a single topic, chosen in consultation with a faculty member, culminating in a paper, presentation, or project. Repeatable course.

Offered Fall, Spring

THE 347. Stage Lighting and Sound. (3 Units)

A course in the design of theatrical lighting and sound, and in the practical application of those designs. Learning in this course will be done via lectures as well as hands-on experience and selected reading.

Offered Fall

THE 353. Playwriting. (3 Units)

Theory and practice in writing for the stage. Students explore plotting, characterization, and dialogue; scenes and short plays are submitted for discussion and evaluation.

Offered Fall, All terms

THE 355. World Theatre and Drama I. (3 Units)

History and literature of the theatre from its origins through the 16th century. Emphasis on production styles, cultural background and literary trends.

Offered Fall, Spring, All terms

THE 357. World Theatre & Drama II. (3 Units)

History and literature of the theatre from the 16th century to the present with emphasis on production styles, cultural background and literary trends.

Offered Spring

THE 364. Acting II. (3 Units)

Prerequisites: THE 264 or consent of instructor. The actor's approach to a role, including text and character analysis. Performance of scenes from plays. Vocal work on dialects with concentration on melody, rhythm, and sound substitutions. Beginning movement work in body alignment, centering and balance.

Offered Spring

THE 367. Acting For The Camera. (3 Units)

Prerequisites: THE 160 or consent of instructor. Techniques of directing and performing before the camera. Scenes and presentations will be videotaped both in the studio and on location.

Offered Infrequent

THE 374. Stage Directing. (3 Units)

Prerequisites: THE 264 is recommended. Theories and techniques of directing for professional or educational play production. Students develop the ability to research, analyze and conceptualize in order to plan the rehearsal and performance of a play script. Attendance at the Theatre Arts two mainstage productions is required.

Offered Fall odd

THE 376. Stage Management. (3 Units)

Techniques of stage management, with practical applications. Covers stage manager responsibilities, pre-show preparations, scheduling, communication, and techniques for auditioning, rehearsing and running a production of live theatre. Attendance at department shows required.

Offered Fall

THE 440. Rehearsal and Performance. (1 Units)

Prerequisite: Audition or Approval of the Instructor Supervised activity as a performer or theatre technician in a Theatre Program approved, University sponsored production. Repeatable for credit.

Offered Fall, Spring

THE 453. Contemporary Drama. (3 Units)

A study of plays by American and international writers from the last twenty-five years. Emphasis on the works of playwrights from traditionally underrepresented groups.

Offered Infrequent

THE 464. Acting III. (3 Units)

Prerequisites: THE 264 and THE 364 or consent of instructor. Study and performance of period scenes involving methods of approaching various types of plays and specific problems they present the actor. Emphasis on the synthesis of analysis, action, characterization, subtext, vocal problems posed by verse and exploration of advanced movement techniques.

Offered Fall

THE 490. Seminar In Theatre Arts. (3 Units)

Prerequisite: Consent of instructor. Discussion and exploration of advanced problems in Theatre Arts. Intensive study of one or more subjects relating to the theatre and drama. Three hours of seminar per week.

Offered Spring

THE 494. Independent Study. (1-3 Units)

Offered Fall, Spring

THE 495. Special Topics In Theatre. (1-3 Units)

Study of a single topic in drama and theatre, to be determined by the instructor. Topic varies each offering. Repeatable course. One to three hours of lecture per week.

Offered Infrequent

THE 496. Off Campus Internship. (1 Units)

Prerequisites: THE 326 and THE 328. Directed work experience in the industries of local professional theatre, cable television, broadcast stations and networks, production houses, or motion picture studios under the supervision of a professionally-qualified mentor. CR/NC grading only. Repeatable course. Ten hours of work experience per week.

Offered Infrequent

THE 499. Senior Project. (2 Units)

A capstone course culminating in the production of a final, collaborative project. Selected in consultation with and evaluated by a faculty panel.

Offered Fall, Spring

Speech, Minor Requirements

| Code | Title | Hours |
|--|-----------------------------------|-----------|
| Upper Division Required Courses | | |
| THE 320 | Speech Skills and Techniques | 3 |
| THE 322 | Oral Interpretation of Literature | 3 |
| THE 329 | Forensics Workshop | 3 |
| THE 364 | Acting II | 3 |
| Recommended Course | | |
| THE 323 | Interpersonal Communication | 3 |
| Total Hours | | 15 |

Theatre Arts, Bachelor of Arts Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (56-units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|----------------|-------|
| A. Lower Division Courses (11 units) | | |
| 1. Select one course from the following (2) | | |
| DAN 200 | Jazz I | 2 |
| DAN 210 | Ballet I | 2 |
| DAN 220 | Modern Dance I | 2 |
| 2. Lower Division Required Courses (9) | | |

| | | |
|--|-----------------------------------|---------|
| THE 251 | Script Analysis | 3 |
| THE 264 | Acting I | 3 |
| THE 269 | Voice and Movement | 3 |
| B. Upper Division Courses (36 units) | | |
| 1. Upper Division Required Courses (30 units) | | |
| THE 341 | Makeup and Hair | 3 |
| THE 342 | Fundamentals of Theatre Design | 3 |
| THE 346 | Theatre Workshop | 3, 3 |
| THE 355 | World Theatre and Drama I | 3 |
| THE 357 | World Theatre & Drama II | 3 |
| THE 364 | Acting II | 3 |
| THE 374 | Stage Directing | 3 |
| THE 440 | Rehearsal and Performance | 1 |
| THE 464 | Acting III | 3 |
| THE 499 | Senior Project | 2 |
| 2. Select two courses from the following (6 units) | | |
| THE 340 | Costuming | 3 |
| THE 344 | Stagecraft | 3 |
| THE 345 | Scene Design | 3 |
| THE 347 | Stage Lighting and Sound | 3 |
| C. Elective Courses (9 units) | | |
| Select three courses from the following | | |
| THE 322 | Oral Interpretation of Literature | 3 |
| THE 329 | Forensics Workshop | 3 |
| THE 337 | Creative Dramatics | 3 |
| THE 339 | Multicultural Children's Theatre | 3 |
| THE 353 | Playwriting | 3 |
| THE 367 | Acting For The Camera | 3 |
| THE 376 | Stage Management | 3 |
| THE 490 | Seminar In Theatre Arts | 3 |
| THE 494 | Independent Study | 1-3 |
| THE 495 | Special Topics In Theatre | 1-3 |
| THE 496 | Off Campus Internship | 1 |

- Cultural Literacy: Demonstrate the significance of theatre as a cultural expression in African, European, American, and Asian/Pacific countries; Recognize the contributions of other cultures; Apply tolerance for those of different backgrounds; Defend the value of culture as a source of personal enrichment; Support opportunities for enriching society through extending cultural chances to others; Deduce the advanced social function of world theatre in rituals, myths, ceremonies, and drama.
- Criticism Literacy: Analyze, critique, and assess works of theatre and dance: Identify the clear use of composition and staging of performers and theatrical elements; Recognize and distinguish effective vocal and physical expressions by actors and dancers; Judge the success or failure of theatrical performances and defend positions.
- Aesthetic Knowledge: Formulate and develop basic ballet, modern, and jazz techniques and/or acting and directing styles: Conceptualize and artistic vision; Differentiate between realistic and presentational theatrical styles; Choose an artistic approach to performing a particular play or dance.
- Leadership Skills: Exhibit leadership and organizations skills: Communicate artistic concepts to others; Solve problems in scheduling, stage management, or construction processes of creating theatre or dance; Organize a production crew and plan the accomplishment of constructing props, scenery, lights, costumes, or makeup for a show.
- Performance Skills: Design, construct, and produce theatre and dance productions: Apply play productions skills in a public performance, either as an actor, director, designer or technician; Demonstrate awareness of the intricacies of human behavior by analyzing characterization.
- Disciplinary Proficiency: Demonstrate understanding of the key theories, concepts, and historical practices of theatre, including works of leading playwrights, actors, dancers, choreographers, directors, and designers, both past and present: Synthesize historical trends into clear interpretations of important plays; Explain the interplay of literature, art, philosophy, and performance in theatre history; Recall well-known theatre theorists and practitioners and describe significant concepts; name the works of major dramatists and choreographers in American of the last 25 years.
- Social Skills: Develop intra- and inter-personal skills through involvement on group processes: Cooperation: Demonstrate the ability to compromise, ask appropriate questions, and take direction non-defensively; Socialization: Apply the values of collaboration, be able to empathize and give supportive feedback, and gain tolerance for diversity; Creativity: Express oneself through an art form (e.g., design, perform, direct), and demonstrate skill in problem solving; Discipline: Demonstrate adherence to rehearsal schedules and meet all deadlines.
- Written Communication: Show improved writing skills: Demonstrate competence in using language through written skills (e.g., playwriting, term papers, etc.); Organize paragraphs around a main idea; Use proper methods for documentation and bibliographical entries; Write smooth sentences without errors in punctuation, spelling, or grammar; Plan well structured writings that use introductions and conclusions effectively.
- Oral Communication: Show improved speaking skills: Demonstrate competency in oral language in speech presentations, forensics competencies, acting, directing, and stage management; Provide informative and insightful messages in a public setting: Organize presentations around a single idea; Devise main points and supporting evidence clearly; Create introductions and conclusions that gain focus; Show effective verbal techniques (precise diction, adequate volume, and variety of pitch and rate); Show effective non-verbal techniques (purposeful movement and gestures, eye contact, and strong posture).
- Research Skills: Demonstrate research skills applicable to history of theatre and design technology: Discuss the function and meaning of theatre for an historical culture that produced it; Compare and contrast the works of two playwrights, actors, choreographers, designers, etc.
- Information Literacy: Demonstrate computer competency capable of handling e-mail, using word processing, accessing the internet, creating PowerPoint presentations, and using databases.
- Critical Thinking: Show critical thinking in being able to prove claims with objective insights: Synthesize research and analysis into an assessment of the importance of historical trends in theatre; Conduct independent study to make judgements and evaluate results; Summarize and integrate research to support claims.

4- Year Roadmap

| First Year | | Hours |
|---|--------------------------------|-----------|
| Fall | | |
| GE Area A2 Composition I | | 3 |
| GE Area C1 Arts Courses | | 3 |
| GE Area C2 Letters Course | | 3 |
| THE 251 | Script Analysis | 3 |
| THE 264 | Acting I | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| POL 101 | American Institutions | 3 |
| HIS 101 | History Of United States | 3 |
| THE 269 | Voice and Movement | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area D1 Perspectives on Individuals, Groups, and Society | | 3 |
| DAN Elective | | 2 |
| THE 342 | Fundamentals of Theatre Design | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| GE Area F Ethnic Studies | | 3 |
| THE 341 | Makeup and Hair | 3 |
| GE Area B2 Life Science | | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| Major Design Elective I | | 3 |
| THE 355 | World Theatre and Drama I | 3 |
| GWAR satisfying course | | 3 |
| Major Elective | | 3 |
| THE 440 | Rehearsal and Performance | 1 |
| GE Area D2 Global and Historical Perspectives | | 3 |
| Hours | | 16 |
| Spring | | |
| THE 357 | World Theatre & Drama II | 3 |
| THE 364 | Acting II | 3 |
| Major Elective II | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| THE 346 | Theatre Workshop (I) | 3 |
| Major Elective III | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Major Design Elective II | | 3 |
| Additional GE in Area C1 or C2 | | 3 |
| Hours | | 15 |
| Spring | | |
| THE 374 | Stage Directing | 3 |
| THE 499 | Senior Project | 2 |
| THE 346 | Theatre Workshop (II) | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |

| | |
|----------------------------|------------|
| Elective to meet 120 units | 3 |
| Hours | 14 |
| Total Hours | 120 |

2-Year Roadmap (transfer students)

| First Year | | Hours |
|---|---|-----------|
| Fall | | |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| THE 342 | Fundamentals of Theatre Design | 3 |
| THE 440 | Rehearsal and Performance | 1 |
| Major Design Elective I | | 3 |
| ENG 350 | Advanced Composition (GWAR satisfying course) | 3 |
| Hours | | 13 |
| Spring | | |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Major Design Elective II | | 3 |
| THE 341 | Makeup and Hair | 3 |
| THE 364 | Acting II | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| THE 346 | Theatre Workshop | 3 |
| THE 355 | World Theatre and Drama I | 3 |
| THE 374 | Stage Directing | 3 |
| Major Elective I | | 3 |
| THE 464 | Acting III | 3 |
| Hours | | 15 |
| Spring | | |
| DAN Elective | | 3 |
| THE 346 | Theatre Workshop | 3 |
| THE 357 | World Theatre & Drama II | 3 |
| Major Elective II | | 3 |
| Major Elective III | | 3 |
| THE 499 | Senior Project | 2 |
| Hours | | 17 |
| Total Hours | | 60 |

Theatre Education, Minor Requirements

| Code | Title | Hours |
|--------------------|----------------------------------|-----------|
| THE 337 | Creative Dramatics | 3 |
| THE 339 | Multicultural Children's Theatre | 3 |
| THE 342 | Fundamentals of Theatre Design | 3 |
| THE 346 | Theatre Workshop | 3 |
| THE 355 | World Theatre and Drama I | 3 |
| or THE 357 | World Theatre & Drama II | |
| THE 374 | Stage Directing | 3 |
| Total Hours | | 18 |

Theatre Performance, Minor Requirements

| Code | Title | Hours |
|---------|-----------------|-------|
| THE 251 | Script Analysis | 3 |

| | | |
|--|------------------|-----------|
| THE 264 | Acting I | 3 |
| Upper Division Required Courses | | |
| THE 346 | Theatre Workshop | 3 |
| THE 364 | Acting II | 3 |
| THE 374 | Stage Directing | 3 |
| THE 464 | Acting III | 3 |
| Total Hours | | 18 |

Women's Studies

College of Arts and Humanities
Division of World Cultural and Gender Studies

Program Description

Women's Studies is an interdisciplinary program preparing students to critically explore the social construction of gender and how it intersects with racism, classism, homophobia, transphobia, ableism, and other systemic oppressions. Our curriculum is rooted in a decolonial pedagogy centering the theories and activism of women of color and queer, non-binary, and trans people of color. Women's Studies faculty are committed to social justice work both on and off campus, and Women's Studies students are offered a wide-range of cutting edge courses to explore their research interests through pop culture, art, queer theory, literature, and activism. Students in the program acquire the knowledge and skills to understand the history and structures of gender inequalities and how to advocate for women's rights and freedoms, learning the importance of interconnecting local and global communities.

Academic Advisement

The Women's Studies Program is designed to allow students maximum flexibility and to be tailored to their interests and needs. Students should seek faculty advisement upon entering the program and routinely thereafter. Faculty advisors work with students to provide information about program requirements, course availability, coursework, and career options. Advisors will also help students prepare for graduate work in Women's Studies and related fields. Students should contact the Department Chair, Dr. Jenn Brandt (jbrandt@csudh.edu), to set up advising appointments.

Preparation

No specific high school or community college courses are required as prerequisites. Students are expected to have college-level reading and writing skills and an interest in understanding the complex forces that determine gender roles.

Career Paths

Understanding the gendered dynamics of society and the workforce gives students a competitive edge in meeting the challenges of the contemporary world. Women's Studies helps students evaluate their own choices and options in a rapidly changing society and understand where and how their talents and skills may best serve their own and society's needs.

Women's Studies helps students prepare for the professional world in a number of ways. As an interdisciplinary program, Women's Studies exposes students to a number of different schools of thought, theories, and methodologies. Students who study Women's Studies go on to a variety of careers in the arts, business, social services, community organizing, and government agencies. Women's Studies can help

students specialize their careers with a focus on women and gender. It can enhance students' job prospects in counseling, education, law, medicine, technology, creative fields, and other business endeavors.

Undergraduate Programs

Bachelor

- Women's Studies, Bachelor of Arts (p. 876)

Minor

- Women's Studies, Minor (p. 877)

Faculty

Jenn Brandt, Ph.D., Professor and Chair of Women's Studies
LCH A-329

Tahereh Aghdasifar, Ph.D., Assistant Professor of Women's Studies
LCH B-337

Program Office: Library, 4th Fl (310) 243-3273

Courses

WMS 100. Gender, Sex, the Body, & Politics: An Introduction. (3 Units)

An introduction to the rapidly expanding body of literature related to the gendered aspects of health and sexuality with an emphasis on women. Offered Fall, Spring

WMS 200. Foundations in Queer Studies. (3 Units)

An introduction to the field of Queer Studies by analyzing the role of gender, race, class, ability, and nationalism in the construction of modern lesbian, gay, bisexual, and trans (LGBT) identities, and it considers how queerness can operate as a disruption, expansion, or refusal of these identity categories.

Offered Fall, Spring, Summer

WMS 250. Foundations in Women's Studies. (3 Units)

Introduces students to Women's Studies. Students learn about gender from a multicultural, multiracial feminist and global perspective. Emphasis is on women's history; gender, culture, and nation; social institutions; sexuality, sexism, and violence; and local and transnational women's movements.

Offered Fall, Spring, Summer

WMS 295. Special Topics in Women's Studies. (3 Units)

An introductory study of an issue or a concept in Women's Studies that is of particular interest to both the faculty member and the students. Repeatable course with different topics.

Offered As needed

WMS 310. The Witch in Literature. (3 Units)

Examines representation of the witch and witchcraft in literature and culture in different historical periods and cultures.

Offered Fall, Spring, Summer

WMS 311. Comedy, Sex and Gender. (3 Units)

Examines representations of gender and sexuality in comedy and humor from multicultural perspectives. Topics include feminist humor and comedy as vehicles of social criticism and advocacy, and the relationships of the comedic to ethnicity, race and class.

Offered As needed

WMS 314. Feminism and Film. (3 Units)

Introduces issues that feminist theory poses for the analysis of film and culture. It focuses on women's contributions to, and representations in, film.

Offered As needed

WMS 315. Literary Topics in Gender Studies and Sexuality Studies. (3 Units)

Provides comparatist perspectives on the representation of women's roles and rights as expressed in a variety of writings from different historical periods and cultures. Students will gain an understanding of women's differential treatment in legal systems and social institutions from antiquity to present.

Offered As needed

WMS 318. Race, Class and Gender. (3 Units)

This cross-cultural, interdisciplinary course introduces students to women's issues as these interface with race and class. Students will recognize, analyze and evaluate the socio-political and economic forces that affect women's lives through a critical examination of race, class and gender.

Offered Fall, Spring, Summer

WMS 320. Feminist Principles. (3 Units)

Prerequisite: WMS 250 is required. A primer to principles of feminist philosophy, history, thought, methodology and current issues pertaining to women.

Offered Fall

WMS 330. Queer Art and Visual Culture. (3 Units)

Offers a reflection on key art practices and theories which develop an understanding of queerness. Stepping away from 'queer' as an identity marker, the readings and work offered will articulate how queer operates as a verb to subvert or wholly turn away from the conventional understandings of life to cultivate radical alternatives. Each week a theoretical text is paired with a 'case study' to offer an opening conversation on the political implications of queering art.

Offered Fall, Spring, Summer

WMS 340. Politics of Women's (Un)Paid Labor. (3 Units)

Focuses on women's labor participation in the family and society. Topics include women in professional and domestic labor markets, the politics of mothering and maternal labor, sex work, family policies, labor rights, wage gaps, and invisible work.

Offered Fall, Spring, Summer

WMS 350. Feminist Research Methods. (3 Units)

Prerequisites: WMS 250 and WMS 320 required. A primer to feminist research methods. Students will be introduced to a variety of ways in which feminists question and approach the production of knowledge.

Offered Spring

WMS 380. Gender and Sexuality in Popular Culture. (3 Units)

Introduction to contemporary US popular culture, with a focus on the ways popular culture production, consumption and representation reinforce and resist ideologies about gender, race, and sexual orientation.

Offered Fall, Spring, Summer

WMS 390. Transnational Feminisms. (3 Units)

Leaning away from older models of Global "Sisterhood" which privilege a singular western-focused model of democracy and gender, transnational feminisms are interested in respecting difference to understand local, historical, economic, and (post)-colonial conditions that women draw on to articulate resistance. This course offers differences between global feminism and transnational feminisms by moving through examples and case studies of how transnational feminisms look on the ground and in response to different modes of oppression.

Offered Spring

WMS 400. Feminist Theories. (3 Units)

Prerequisites: WMS 350 required. Advanced study in feminist theory. Course addresses major concepts and assumptions of feminist study in order to better understand how to address societal and power inequalities and to improve women's status globally.

Offered Fall

WMS 410. Queer of Color Critique. (3 Units)

Brings Women of Color Feminisms to bear on Queer theory to understand that people have (political or intimate) desires and attachments which are not always legible. Familiarizes students with the cultural, political and economic concerns of QoCC and how it interrupts socially dominant categories of sexuality.

Offered Fall, Spring, Summer

WMS 490. Senior Capstone. (3 Units)

Prerequisite: WMS 400 required. A critical analysis and interpretation of major feminist theories and contemporary issues in women's studies. Special attention will be paid to different discourse communities - academic, internet, personal - as they relate to feminism and the women's movement, in order to help students think more deeply about being a reader and writer of feminist scholarship. Students will be exposed to influential and emergent feminist theories in order to produce original research projects, papers, and/or creative works. A grade of C or better in this course fulfills the GVAR requirement for all Biology majors and minors

Offered Spring

WMS 494. Independent Study. (1-3 Units)

Prerequisites: Consent of instructor and program coordinator.

Independent study of a particular problem, issue, or readings under the direction of a member of the Women's Studies faculty. Course is not repeatable for credit in the Women's Studies minor.

Offered As needed

WMS 495. Special Tpcs: Women's Studies. (3 Units)

An intensive study of an issue or a concept in Women's Studies that is of particular interest to both the faculty member and the students. Repeatable course with different topics. Three hours of seminar per week.

Offered As needed

WMS 496. Internship in Women's Studies. (3 Units)

Practical application of coursework in Women's Studies through supervised work and field experience in politics, law, art, communications, social welfare agencies or other area as approved by the instructor and coordinator of the program. Course is not repeatable for credit in the Women's Studies minor.

Offered Fall, Spring

Women's Studies, Bachelor of Arts

Requirements

Total Course Requirements for the Bachelor's Degree

See the "Requirements for the Bachelor's Degree (p. 95)" in the University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

Elective Requirements

Completion of elective courses (beyond the requirements listed below) to reach a total of a minimum of 120 units.

General Education Requirements (49 units)

See the "General Education (p. 158)" requirements in the University Catalog or the Class Schedule for the most current information on General Education requirements and course offerings.

Graduation Writing Assessment Requirement

See the "Graduation Writing Assessment Requirement (p. 112)" in the University Catalog.

Major Requirements (39 units)

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

| Code | Title | Hours |
|---|---|-------|
| Lower Division Core Requirements | | |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | 3 |
| WMS 250 | Foundations in Women's Studies | 3 |
| Upper Division Core Requirements | | |
| WMS 318 | Race, Class and Gender | 3 |
| WMS 320 | Feminist Principles | 3 |
| WMS 350 | Feminist Research Methods | 3 |
| WMS 400 | Feminist Theories | 3 |
| WMS 490 | Senior Capstone | 3 |
| Electives | | |
| Select 18 units from the following: | | 18 |
| ENG 347 | Literature of Ethnicity and Gender | |
| CHS 460 | Las Chicanas | |
| HIS 379 | The Family In History | |
| HIS 380 | Women In History | |
| POL 325 | Women and Politics in the United States | |
| PSY 376 | Psychology Of Gender | |
| SOC 334 | Women In Society | |
| WMS 200 | Foundations in Queer Studies | |
| WMS 310 | The Witch in Literature | |
| WMS 311 | Comedy, Sex and Gender | |
| WMS 314 | Feminism and Film | |
| WMS 315 | Literary Topics in Gender Studies and Sexuality Studies | |
| WMS 330 | Queer Art and Visual Culture | |
| WMS 340 | Politics of Women's (Un)Paid Labor | |
| WMS 380 | Gender and Sexuality in Popular Culture | |
| WMS 390 | Transnational Feminisms | |
| WMS 410 | Queer of Color Critique | |
| WMS 494 | Independent Study | |

| | |
|--------------------|-------------------------------|
| WMS 495 | Special Tpcs: Women's Studies |
| WMS 496 | Internship in Women's Studies |
| Total Hours | 39 |

Upon completion of the Bachelor of Arts in Women's Studies, a degree recipient will be able to:

- Explain and critically analyze how different social, political, and economic forces have historically impacted the experiences and representations of women in the United States and abroad.
- Use intersectional approaches to demonstrate comparative knowledge of how societal institutions and power structures shape the material reality of women's lives, not only with respect to gender, but also race, ethnicity, national origin, religion, social class, ability, sexual orientation, age, etc.
- Synthesize foundational and contemporary feminist theories from a variety of textual, media, and information sources, using discipline-specific methodologies in the creation of original papers, projects, oral presentations, and creative works.
- Evaluate the unity and divisions within the women's movement with the goal of learning how to engage in and/or implement practical solutions to contemporary real-world problems.
- Engage in critical self-reflection in order to demonstrate an understanding of agency and social responsibility in personal, professional and community settings.

Women's Studies Degree Roadmaps

4- Year Roadmap

| | | |
|--|--|--------------|
| First Year | | |
| Fall | | Hours |
| GE Area A2 Composition I | | 3 |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | 3 |
| or WMS 250 | or Foundations in Women's Studies | |
| GE Area C or D | | 3 |
| GE Area C or D | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| Hours | | 15 |
| Spring | | |
| GE Area A2 Composition II | | 3 |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | 3 |
| or WMS 250 | or Foundations in Women's Studies | |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B4 Quantitative Reasoning | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| GE Area A1 Oral Communication | | 3 |
| WMS 318 | Race, Class and Gender | 3 |
| GE Area B1 Physical Sciences OR B2 Life Sciences | | 3 |
| GE Area B3 Science Laboratory | | 1 |
| GE Area C or D | | 3 |
| HIS 101 | History Of United States | 3 |
| Hours | | 16 |
| Spring | | |
| GE Area A3 Logic/Critical Thinking | | 3 |
| GE Area F Ethnic Studies | | 3 |
| GE Area E Lifelong Learning and Self-Development | | 3 |
| WMS Elective | | 3 |

| | | |
|---|--|------------|
| POL 101 | American Institutions | 3 |
| Hours | | 15 |
| Third Year | | |
| Fall | | |
| Elective to meet 120 units | | 3 |
| WMS 320 | Feminist Principles | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| WMS Elective | | 3 |
| GE Area C or D | | 3 |
| Hours | | 15 |
| Spring | | |
| WMS 350 | Feminist Research Methods | 3 |
| WMS Elective | | 3 |
| Elective to meet 120 units | | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| WMS 400 | Feminist Theories | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| WMS Elective | | 3 |
| WMS Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| WMS 490 | Senior Capstone (satisfies GWAR requirement) | 3 |
| WMS Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

2-Year Roadmap (transfer students)

| | | |
|---|--|-----------|
| First Year | | |
| Fall | | |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | 3 |
| WMS 250 | Foundations in Women's Studies | 3 |
| WMS 320 | Feminist Principles | 3 |
| GE Area B5 Integrative Studies in Natural Sciences | | 3 |
| GE Area C3 Integrative Studies in the Humanities | | 3 |
| Hours | | 15 |
| Spring | | |
| WMS 318 | Race, Class and Gender | 3 |
| WMS 350 | Feminist Research Methods | 3 |
| WMS Elective | | 3 |
| Elective to meet 120 units | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Second Year | | |
| Fall | | |
| WMS 400 | Feminist Theories | 3 |
| WMS Elective | | 3 |
| WMS Elective | | 3 |
| GE Area D3 Integrative Studies in the Social Sciences | | 3 |
| Elective to meet 120 units | | 3 |
| Hours | | 15 |
| Spring | | |
| WMS 490 | Senior Capstone (GWAR satisfying course) | 3 |
| WMS Elective | | 3 |

| | | |
|----------------------------|---|-----------|
| WMS Elective | 3 | |
| WMS Elective | 3 | |
| Elective to meet 120 units | 3 | |
| Hours | | 15 |
| Total Hours | | 60 |

Women's Studies, Minor Requirements

| Code | Title | Hours |
|-------------------------------------|---|-----------|
| WMS 250 | Foundations in Women's Studies | 3 |
| Select 12 units from the following: | | 12 |
| CHS 460 | Las Chicanas ¹ | |
| ENG 347 | Literature of Ethnicity and Gender ¹ | |
| HIS 379 | The Family In History ¹ | |
| HIS 380 | Women In History ¹ | |
| POL 325 | Women and Politics in the United States ¹ | |
| PSY 376 | Psychology Of Gender ¹ | |
| SOC 334 | Women In Society ¹ | |
| WMS 100 | Gender, Sex, the Body, & Politics: An Introduction | |
| WMS 200 | Foundations in Queer Studies | |
| WMS 310 | The Witch in Literature | |
| WMS 311 | Comedy, Sex and Gender | |
| WMS 314 | Feminism and Film | |
| WMS 315 | Literary Topics in Gender Studies and Sexuality Studies | |
| WMS 318 | Race, Class and Gender | |
| WMS 320 | Feminist Principles | |
| WMS 330 | Queer Art and Visual Culture | |
| WMS 340 | Politics of Women's (Un)Paid Labor | |
| WMS 350 | Feminist Research Methods | |
| WMS 380 | Gender and Sexuality in Popular Culture | |
| WMS 400 | Feminist Theories | |
| WMS 410 | Queer of Color Critique | |
| WMS 490 | Senior Capstone | |
| WMS 494 | Independent Study | |
| WMS 495 | Special Tpcs: Women's Studies | |
| WMS 496 | Internship in Women's Studies | |
| Total Hours | | 15 |

¹ For frequency of courses listed in programs other than WMS, consult the department that offers the specific course of interest.

COURSE SEARCH

Welcome to Course Search

Use the search panel on the left to find and narrow down courses of interest.

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