

CALIFORNIA STATE COLLEGE, DOMINGUEZ HILLS

CATALOG 1967-1968

Address all inquiries to:

Office of Admissions
California State College, Dominguez Hills
809 East Victoria
Dominguez Hills, California 90247

CATALOG

Fall, Winter, Spring Quarters

1967-68

California State College, Dominguez Hills

The California State College, Dominguez Hills

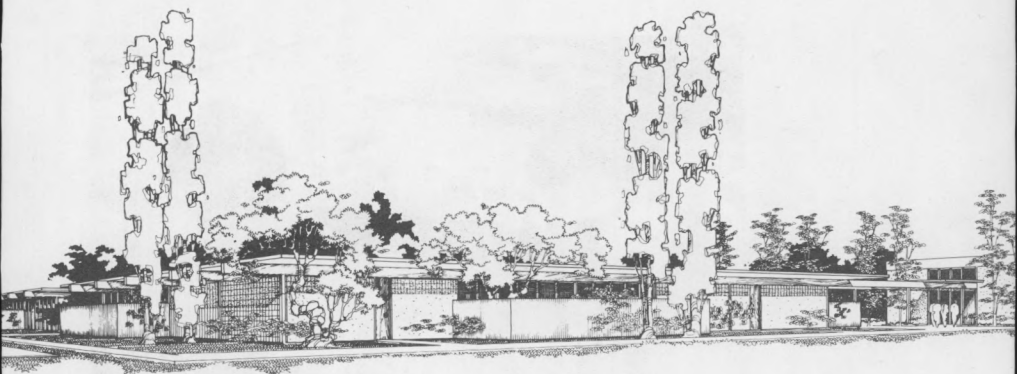
the newest college in the California State College system,

located in Southwest Los Angeles County,

oriented toward the liberal arts and sciences,

with a small college atmosphere,

will occupy its new campus during the 1967-68 academic year



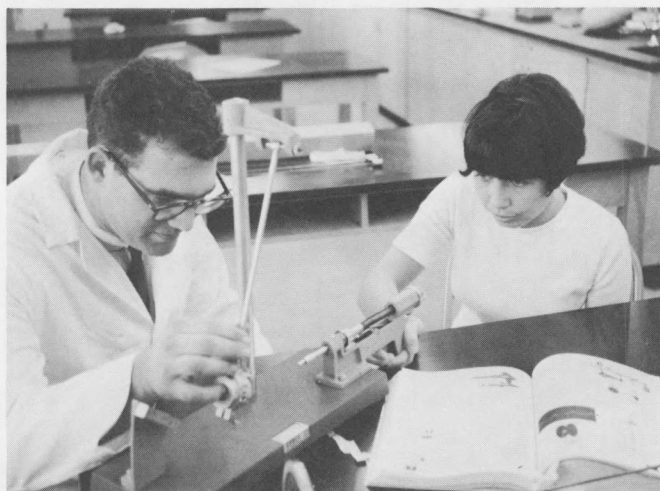


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ACADEMIC CALENDAR 1967-68

FALL QUARTER 1967

September 18, Monday.....	Testing for freshmen; orientation, academic advisement, and registration for transfer students.
September 19, Tuesday.....	Orientation, academic advisement, and registration for freshmen.
September 21, Thursday.....	Classes begin.
September 22, Friday.....	First day to file application for admission or readmission for the Winter Quarter 1968.
September 27, Wednesday.....	Last day to add classes.
October 18, Wednesday.....	Last day to drop classes without academic penalty.
November 7-10, Tuesday-Friday.....	Academic advisement for continuing students.
November 23-26, Thursday-Sunday.....	Thanksgiving recess.
December 5, Tuesday.....	Last day of classes. First day to file application for admission or readmission for Spring Quarter 1968.
December 6-8, Wednesday-Friday.....	Final examinations.
December 11-January 1.....	Christmas recess.

WINTER QUARTER 1968

January 2, Tuesday.....	Orientation and academic advisement for new students; registration and payment of fees for all students.
January 3, Wednesday.....	Classes begin.
January 9, Tuesday.....	Last day to add classes.
January 30, Tuesday.....	Last day to drop classes without academic penalty.
February 15, Thursday.....	First day to file application for admission or readmission for the Fall Quarter 1968.
February 27-March 1, Tuesday-Friday.....	Academic advisement for continuing students.
March 12, Tuesday.....	Last day of classes.
March 13-15, Wednesday-Friday.....	Final examinations.
March 18-24.....	Academic recess.

SPRING QUARTER 1968

March 25, Monday.....	Orientation and academic advisement for new students; registration and payment of fees for all students.
March 26, Tuesday.....	Classes begin.
April 1, Monday.....	Last day to add classes.
April 12, Friday.....	Good Friday (all-college holiday).
April 22, Monday.....	Last day to drop classes without academic penalty.
May 21-24, Tuesday-Friday.....	Academic advisement for continuing students.
May 30, Thursday.....	Memorial Day (all-college holiday).
June 7, Friday.....	Last day of classes.
June 10-12, Monday-Wednesday.....	Final examinations.
June 13, Thursday.....	Commencement.



TRUSTEES OF THE CALIFORNIA STATE COLLEGES

EX OFFICIO TRUSTEES

Ronald Reagan, B.A. <i>Governor of California and President of the Trustees</i>	State Capitol, Sacramento 95814
Robert H. Finch, B.A., LL.B. <i>Lieutenant Governor of California</i>	State Capitol, Sacramento 95814
Jesse M. Unruh, B.A. <i>Speaker of the Assembly</i>	State Capitol, Sacramento 95814
Max Rafferty, A.B., M.A., Ed.D. <i>State Superintendent of Public Instruction</i>	721 Capitol Mall, Sacramento 95814
Glenn S. Dumke, A.B., M.A., Ph.D., LL.D., L.H.D. <i>Chancellor of the California State Colleges</i>	5670 Wilshire Boulevard, Los Angeles 90036

APPOINTED TRUSTEES

Appointments are for a term of eight years expiring March 1 on dates in parentheses. Names are listed in order of accession to the Board.

Louis H. Heilbron, A.B., LL.B., LL.D. (1969)
44 Montgomery Street, San Francisco 94104

Donald M. Hart, B.A. (1968)
P.O. Box 1556, Bakersfield 93302

Charles Luckman, LL.D., A.F.D. (1974)
9220 Sunset Boulevard, Los Angeles 90069

Paul Spencer, B.A. (1969)
1323 La Terracita Drive, San Dimas 91773

Theodore Meriam, A.B. (1971)
P.O. Box 370, Chico 95927

Albert J. Ruffo, LL.B., B.S. in E.E. (1971)
600 Bank of America Building, San Jose 95113

Mrs. Philip Conley, B.A. (1972)
3729 Huntington Boulevard, Fresno 93702

E. Guy Warren, B.A. (1973)
P.O. Box 59, Hayward 94541

Daniel H. Ridder, B.A. (1967)
604 Pine Street, Long Beach 90801

George D. Hart, A.B. (1967)
 111 Sutter Street, San Francisco 94104
 Gregson E. Bautzer, B.A., LL.B. (1968)
 190 North Cañon Drive, Beverly Hills 90210
 James F. Thacher, A.B., LL.B. (1970)
 310 Sansome Street, San Francisco 94104
 Victor H. Palmieri, B.A., LL.B. (1970)
 10889 Wilshire Boulevard, Suite 1550, Los Angeles 90024
 Alec L. Cory, B.A., LL.B. (1973)
 530 B Street, Suite 1900, San Diego 92101
 William A. Norris, A.B., LL.B. (1972)
 609 South Grand, Los Angeles, California 90017
 Edward O. Lee, B.A. (1974)
 1100 67 Street, Oakland, California 94608

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Secretary-Treasurer

OFFICE OF THE CHANCELLOR THE CALIFORNIA STATE COLLEGES

5670 WILSHIRE BOULEVARD
 LOS ANGELES, CALIFORNIA 90036
 213 938-2981

Glenn S. Dumke

Chancellor

Raymond A. Rydell

Executive Vice Chancellor

Harry E. Brakebill

Vice Chancellor, Academic Affairs

C. Mansel Keene

Vice Chancellor, Business Affairs
 Assistant Chancellor, Faculty and Staff Affairs

THE CALIFORNIA STATE COLLEGES

California State College, Dominguez Hills		
809 East Victoria Street, Dominguez Hills, California 90247		
Leo F. Cain, <i>President</i>		213 532-4300
California State College at Fullerton		
800 North State College Boulevard, Fullerton, California 92631		
William B. Langsdorf, <i>President</i>		714 871-3300
California State College at Hayward		
25800 Hillary Street, Hayward, California 94542		
Fred F. Harclerod, <i>President</i>		415 538-8000
California State College at Long Beach		
6101 East Seventh Street, Long Beach, California 90804		
Carl W. McIntosh, <i>President</i>		213 433-0951
California State College at Los Angeles		
5151 State College Drive, Los Angeles, California 90032		
John A. Greenlee, <i>President</i>		213 224-2011
California State College at San Bernardino		
5500 State College Parkway, San Bernardino, California 92407		
John M. Pfau, <i>President</i>		714 887-6311
California State Polytechnic College, Kellogg-Voorhis		
Pomona, California 91766		
Robert C. Kramer, <i>President</i>		714 964-6424
California State Polytechnic College, San Luis Obispo		
San Luis Obispo, California 93401		
Presidency Vacant		805 546-0111
Chico State College		
1st and Normal Streets, Chico, California 95926		
Robert E. Hill, <i>President</i>		916 343-4411

Fresno State College	
Shaw and Cedar Avenues, Fresno, California 93726	
Frederic W. Ness, <i>President</i>	209 222-5161
Humboldt State College	
Arcata, California 95521	
Cornelius H. Siemens, <i>President</i>	707 822-1771
Sacramento State College	
6000 Jay Street, Sacramento, California 95819	
Robert Johns, <i>President</i>	916 454-6011
San Diego State College	
5402 College Avenue, San Diego, California 92115	
Malcolm A. Love, <i>President</i>	714 286-5000
San Fernando Valley State College	
18111 Nordhoff Street, Northridge, California 91324	
Ralph Prator, <i>President</i>	213 349-1200
San Francisco State College	
1600 Holloway Avenue, San Francisco, California 94132	
John Summerskill, <i>President</i>	415 469-9123
San Jose State College	
125 South Seventh Street, San Jose, California 95114	
Robert D. Clark, <i>President</i>	408 294-6414
Sonoma State College	
Rohnert Park, California 94928	
Ambrose R. Nichols, <i>President</i>	707 795-2011
Stanislaus State College	
800 Monte Vista Avenue, Turlock, California 95380	
Alexander Capurso, <i>President</i>	209 634-9101

THE STATE COLLEGE SYSTEM

The California State Colleges are a unique development of the democratic concept of tax-supported public higher education for all qualified students.

Spanning the state from Humboldt County in the north to San Diego in the south, the 18 campuses of the California State Colleges (with another campus soon to be constructed) represent the largest system of public higher education in the Western Hemisphere and one of the largest in the world. Current enrollment exceeds 170,000 full and part-time students. The faculty and administrative staff numbers approximately 9,000.

The individual colleges, each with a geographic, curricular and academic character of its own, offer a solid basic program in the liberal arts. Beyond this, each college is noted for its individuality in academic emphasis which makes for a diversified system. Course offerings leading to the bachelor's and master's degree are designed to satisfy existing student interests and to serve the technical and professional manpower requirements of the state.

The California State Colleges are dedicated to rigorous academic standards. Constant striving for academic excellence is at the heart of the system. The primary responsibility of each faculty within the system is the instructional process on the teacher-student level, with appropriate recognition of the necessary and constructive role of research in any institution of higher education.

Responsibility for the California State Colleges is vested in the Board of Trustees, which is appointed by the Governor, and the Board's administrative arm, the Chancellor. The Trustees and the Chancellor set broad policy for the colleges while delegating considerable independent responsibility for implementation at the college level. A statewide Academic Senate, made up of representatives elected by the faculty at each college, acts as a consultative body to the Chancellor in the area of academic affairs.

Although the oldest of the colleges, San Jose State College, dates back a century, the California State College system under an independent Board of Trustees was created by the Donahoe Act of 1960. Formerly, the colleges were under the jurisdiction of the State Board of Education.

Today, the California State Colleges are in a particularly dynamic period of their development. Prior to World War II, there were seven State Colleges with a peak total enrollment of some 13,000. Since 1947, eleven new colleges have been established and a site has been selected for a new college in Kern County. Enrollment in the system is expected to reach 225,000 by 1970.

CALIFORNIA STATE COLLEGE, DOMINGUEZ HILLS

ADVISORY BOARD

Thomas G. Smith, *Chairman*
San Pedro

Douglas T. Robertson, *Vice Chairman*
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Estates

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J. L. (Roy) Rosenberg, Inglewood

Howard Seelye, Palos Verdes Estates
Samuel C. Stewart, Redondo Beach
Mrs. Kenneth E. Watts, Redondo
Beach

COLLEGE ADMINISTRATION

President	Leo F. Cain
Assistant to the President	Robert M. Bersi
Secretary to the President	Mary R. McFall

Academic Affairs

Dean of Academic Affairs	Lyle E. Gibson
Dean, School of Humanities and Fine Arts	Marvin Laser
Dean, School of Natural Sciences and Mathematics	Robert B. Fischer
Acting Dean, School of Social and Behavioral Sciences	Donald A. MacPhee
Director of Teacher Education Programs	Ruth A. Martinson

Student Affairs

Dean of Student Affairs	M. Milo Milfs
Associate Dean, Admissions, Records, and Relations with Schools	Peter D. Ellis
Registrar	Larry D. McClelland
Director, Counseling, Placement, and Financial Aids	Quentin C. Stodola

Business Affairs

Business Manager	Robert J. Murray
Accounting Officer	Joseph O'Neil
Business Service Officer	Rudolph E. Pliska

College Services and Facilities Planning

Dean of College Services and Facilities Planning	Harry A. Nethery
Building Program Coordinator	Thomas S. Bullock
Director of Research and Institutional Studies	J. Donald Mild
Associate Systems Analyst	Donald D. Doughty
College Librarian	Edwin W. Reichard
Librarian, Head of Technical Processing	Bela Gallo
Librarian, Head of Public Services	Dolores D. Townsend
Librarian, Acquisitions	Sally A. Gogin
Librarian, Cataloging	Helen Jane Jones
Coordinator, Audio Visual Services	David J. Hudson, Jr.



THE COLLEGE

THE COLLEGE

The Legislature of the State of California, at the First Extraordinary Session in 1960, authorized the establishment of this college as part of the California State College system to meet higher education needs in southwest Los Angeles. The first members of the planning staff were appointed in 1962. Freshman and junior students enrolled in the fall of 1965 for the first classes offered by the college.

To guide the development of this new institution, the planning staff, during the pre-opening years, undertook a series of studies designed to provide information on student needs, community needs and trends in higher education. These studies included a compilation of the future plans of students in 21 high schools and four junior colleges in the area, a survey of recent curriculum trends in colleges and universities throughout the United States, an analysis of curricula in eight nearby institutions of higher education, and a survey of industrial, business, and civic needs in the area. In addition, a series of meetings was held with administrators of the nearby junior colleges to develop articulation of program.

The undergraduate academic program, developed by the California State College, Dominguez Hills, emphasizes the liberal arts and sciences as an educational foundation for all students. It has been designed so that students will acquire competency in a specific field as well as a broad understanding of the forces and issues in modern society. Opportunity for specialization, not only in specific disciplines but also in certain applied fields and professions, is provided in later work, particularly at the graduate level. Graduates of this college, it is expected, will have developed the judgment and maturity to function as productive citizens within the changing patterns of our society.

The college stands amid the countryside of historic Rancho San Pedro and is easily accessible from anywhere in Southwest Los Angeles County. The location at 809 East Victoria Street, Dominguez Hills, is approximately one mile northeast of the junction of the Harbor and San Diego Freeways.

ACCREDITATION

The California State College, Dominguez Hills, was granted initial accreditation by the Western Association of Schools and Colleges effective in the fall of 1965. Standard procedures of credit transfer between accredited institutions are therefore in effect.

THE COLLEGE LIBRARY

Library resources of the college include books, films, phono-discs, periodicals, tapes, slides, and maps—all of which are indispensable to modern education. These materials are conveniently available to students and faculty in an instructional materials center which is staffed by librarians and audio-visual specialists prepared to assist students in attaining their educational goals.

The basic book collection consists of 55,000 volumes, carefully selected, classified according to the Library of Congress classification system, and fully processed for use. Current subscriptions have been placed for more than 625 periodicals, and students will have easy access to these periodicals containing the latest reports and ideas in science, in the fine arts and humanities, and in the social sciences. Carefully selected retrospective periodicals are also available in bound volumes and on microfilm. The library is growing rapidly in size and value.

RESEARCH AND DATA PROCESSING

College research programs, including developing and implementing government and industrial research contracts, institutional evaluation and studies, and a data processing service center have been centralized in an office of research and institutional studies. This office will provide technical staff assistance in research methods and data processing services to all areas of the college.

INTERNATIONAL PROGRAMS

The California State Colleges offer academic year programs of study at a number of distinguished universities abroad. For 1967-68 the co-operating universities are: University of Aix-Marseille, France; Free University of Berlin and University of Heidelberg, Germany; University of Florence, Italy; Waseda University, Tokyo, Japan; University of Granada and University of Madrid, Spain; University of Stockholm and University of Uppsala, Sweden; National University, Taiwan. Academic work successfully completed at the cooperating universities abroad may be applied toward the degree requirements of the college in accordance with college regulations.

A selection among applicants from all California State Colleges is made on the basis of academic, linguistic and personal qualifications. The criteria are:

- a. Upper division or graduate standing by the beginning of the academic year abroad;
- b. Academic achievement;
- c. Proficiency in the language of instruction;
- d. Faculty recommendations.

Cost to the student includes round trip transportation from San Francisco to the host university, room and board for the academic year, and medical insurance. In 1967-68 these costs are: France, Germany, Spain, \$1,970; Italy, Japan, \$2,070; Sweden, \$2,270; Taiwan, \$1,770. Payments may be scheduled throughout the year.

Programs in Japan, Sweden and Taiwan do not require previous linguistic preparation; applicants for all other programs must demonstrate adequate facility in the language of instruction at the host university.

Application for the 1968-69 academic year should be made early in the fall semester of 1967. Detailed information may be obtained at the office of the Dean of Students, California State College, Dominguez Hills, or by writing to the Office of International Programs, The California State Colleges, 1600 Holloway Avenue, San Francisco, California 94132.

STUDENT ACTIVITIES AND SERVICES

The same basic educational principles underlie both the student affairs program and the instructional program of the college. The extra-class activities of the college are designed to serve the abilities, needs and interests of all students. Participants must select wisely those activities which will broaden their cultural and intellectual lives and avail themselves of those services which contribute to their self-understanding and long-range career objectives.

STUDENT ACTIVITIES

Student activities are coordinated by the Director of the Student Activities and College Cultural Program. Lectures, films and musical presentations; recreational intramural athletics, singing, drama, debate, and talent programs; student publications; student organizations; and student government are all a part of this phase of student life. More detailed information about the schedule of events and the policies of the college regulating these activities is available in the Student Handbook.

Student Government

The Student Association of the California State College, Dominguez Hills, has been organized and a constitution and by-laws for this association serve as a framework for student self-government. A student activity fee is collected from each enrolled student to support all activities of the association. The Student Association Council is the student governing body. Four commissions serve to coordinate the various activities of the Student Association: the Student Activity and College Cultural Commission, the Student Publications Commission, Inter-Club Commission, and the Finance Commission. Students from all class levels have an opportunity to participate in student government affairs.

Physical Education and the Athletic Program

The program in health and physical education is operated under the jurisdiction of the Department of Health and Physical Education, in the School of Natural Sciences and Mathematics. Intramural sports and individual activities will be organized and encouraged for all students who are interested in participating beyond the basic course and activity requirements.

STUDENT SERVICES

Student services are vital to the college in order that students gain a full educational experience—intellectual, personal, social, and physical.

While the instructional program focuses on the development of the intellect, student services enrich this classroom experience. Enrolled students are encouraged to make frequent use of these services.

Counseling

The Student Counseling Center is provided for students who wish to confidentially discuss any problem which could deter them from fulfilling their educational objectives. While some students may be concerned with the selection of an appropriate major or vocation, other students may require the opportunity to realistically evaluate a personal or social problem which is related to the achievement of their educational objectives. A testing service, as well as the guidance of counselors, is available to students who desire to clarify the level of ability required to do academic work. The professionally trained staff of the counseling center is available to all enrolled students.

Placement

The College Placement Office functions as an integral part of the counseling service of the college. This office provides information, including the requirements for certain work and trends of employment, to students striving to make career decisions. The placement office arranges for employers to interview candidates for career placement prior to the completion of their degree or credential programs.

Financial Aids

Loans, grants-in-aid and part-time employment are some of the alternatives offered to qualified students who have financial problems. Financial planning with the Coordinator of Financial Aids is recommended prior to the submission of an application for financial assistance in order that the best available alternatives are selected. Students interested in applying for loans and grants-in-aid are required to use the College Scholarship Service. Applicants should consult with their high school counselors or the College Coordinator of Financial Aids for further information.

Two *loan funds*, a college loan fund and a Federal National Defense Education Act loan fund, are available to full-time students who are in good academic standing. College loans are limited to a maximum amount of \$100 repayable in 60 days. Federal loans are approved for larger amounts and are long-term, low-interest loans which are repayable after graduation from college. Applicants for admission to the California State College, Dominguez Hills, may apply for a federal loan prior to enrollment, but loans are not granted until after students are formally enrolled in classes. More detailed information and loan applications are available upon request.

Grants-in-aid are monetary gifts for students in certain programs and activities of the college. Awards of this type frequently stipulate that the student applicant has some financial need. Information concerning

these awards may be obtained from the Coordinator of Financial Aids or through campus publications.

Scholarships and fellowships are awards for academic excellence or meritorious achievement and generally are awarded to students independently of their financial need. The Committee on Scholarship Awards receives nominations for these awards and announces recipients at various times throughout the academic year.

Part-time employment opportunities, both on-campus and off-campus, are listed by the Coordinator of Financial Aids. Since part-time work opportunities are largely dependent upon the demand for services in the community, students are encouraged to register in advance for this assistance.

The college will have *Economic Opportunity Act College Work-Study Funds* available. To be approved for college work-study, an applicant must demonstrate financial need in accordance with the criteria established by the Economic Opportunity Act. On-campus work, not to exceed a total of 15 hours per week, will be available to those enrolled students who qualify.

Participants in the College Work-Study Program will be selected from applicants who meet the following qualifications:

- a. Students whose parents have a combined income of \$3,000 or less, except when the income is derived substantially from assets such as stocks or bonds or as a return on other investments, are eligible.
- b. Students from families receiving, or eligible to receive, cash or other financial assistance under a public welfare or private welfare program are eligible.
- c. Students from homes where the income level is above \$3,000 and need can be demonstrated may be eligible.

Applicants should consult the Financial Aids Office of the college for further information.

Student Health

Limited health services are available through the Health Center during the academic year 1967-68. Emergency medical treatment is available to students through the Health Center and through a student health insurance program. All students are encouraged to participate in a supplementary medical plan which is made available through the college. This insurance plan provides for major hospital expenses and surgical benefits for the insured. Information concerning the medical insurance programs of the college can be obtained from the Health Center.

New students are required to have their reports of medical examination on file before they enter. Medical examination forms are sent to each student with his notification of admission and must be returned to the Health Center at least three weeks prior to the commencement

of the quarter in which he intends to enroll. Medical examinations are to be conducted by the family doctor at the expense of the matriculating student.

Student Housing

Until the college operates student residence halls on campus, it will have no college-approved housing for students. A housing rental listing service will be maintained by the Director of Student Activities and College Cultural Program, but this is provided solely for the convenience of students. Parents are urged to assist minor students in selecting appropriate living accommodations.

STANDARDS FOR STUDENT CONDUCT

The college 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 college 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 college 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 college. In general, those individual or group actions which the college finds unacceptable or detrimental to the education process are: (1) conduct generally looked upon as disorderly, unethical, vicious or immoral; (2) misuse, abuse, theft or destruction of property; and (3) willful violation of those regulations (community or college) which have been established for the general safety of all members of the group.

In a college community, it is particularly important to emphasize certain ethical standards which must be maintained, hopefully through student self-discipline. Plagiarism, cheating on examinations and the falsification of records are types of unethical behavior which would constitute an infraction of the college's academic standard for students.

While students have every opportunity to learn self-discipline in matters of social conduct, those who are unable to achieve a reasonably acceptable level of maturity are subject to certain disciplinary actions. Individual cases of student misconduct are studied by the Dean of Students and his staff and, when appropriate, referred to the Campus Judicial Board for recommended action. Since final action in cases of student misconduct can be taken only by the President of the college, the Campus Judicial Board's recommendations will be addressed to him. Penalties for misconduct may vary from expulsion from the college to a letter of censure, depending upon the circumstances of the case. In every instance where such action is prescribed, the college strives to weigh its decision in terms of its educational value to the student.

Students may appeal decisions by presenting a written petition to the Dean of Students stating the reasons why the action is considered unjust or presenting additional evidence concerning the case. The President's Council serves as an appeal board and recommends action to the President.

THE ACADEMIC PROGRAM

The undergraduate curriculum has been developed within the framework of the liberal arts and sciences. The total program, both undergraduate and graduate, is designed to preserve a balance among offerings in the humanities and fine arts, the social and behavioral sciences, and the natural sciences and mathematics. The curriculum pattern has been designed to make certain that every student earning a degree from the college will have pursued a program of studies characterized both by breadth and by depth.

The undergraduate program for all students consists of three segments:

1. The Basic Studies program—approximately 40% of the course work required for the bachelor's degree.
2. A major consisting of a departmental field and an interdepartmental field—approximately 40%.
3. Elective courses—approximately 20%.

THE BASIC STUDIES PROGRAM

The Basic Studies program is not conceived as a set of miscellaneous courses covering the various major fields of knowledge. It consists of a group of courses that are organized in a meaningful pattern of study and have been designed to meet specific educational goals.

1. To help students acquire four basic intellectual abilities:
 - a. The ability to read with critical perception materials written for the non-professional in the humanities, social sciences, and natural sciences;
 - b. The ability to express ideas easily and effectively (both in written form and orally);
 - c. The ability to handle quantitative data and concepts easily, to the level that is necessary for the non-professional;
 - d. The ability to think coherently and logically about problems facing human beings.
2. To help students gain a knowledge of the basic facts and key principles and concepts they will need in order to participate constructively as members of a family, a community, a nation, and the entire world.
3. To give students an acquaintance with the nature, scope, and practical applications of every major field of knowledge.

There are eighteen full courses, plus three quarter units in Health and Physical Education 100 and 101. Six courses are required in each of the three schools of the college, with five of these offered in the lower division and the sixth one in the upper division.

Basic Studies Courses

School of Humanities and Fine Arts

Art 100. Basic Studies Art

English 100 and 101. Basic Studies English I, II

English 102. Basic Studies Literature

Music 100. Basic Studies Music

Philosophy 200. Basic Studies Philosophy

School of Natural Sciences and Mathematics

Biological Science 102. Basic Studies Biology

Chemistry 100. Basic Studies Structure of Matter

Chemistry 102. Basic Studies Chemistry

Mathematics 100. Basic Studies Mathematics

Physics 102. Basic Studies Physics

Physics 200. Basic Studies Earth and Space Sciences

School of Social and Behavioral Sciences

Economics 100. Basic Studies Economics

Geography 100. Basic Studies Geography

History 100. Basic Studies History

Political Science 100. Basic Studies Political Science

Psychology 100. Basic Studies Psychology

Anthropology 200. Basic Studies Anthropology *OR*

Sociology 200. Basic Studies Sociology

Substitutions for Basic Studies Courses in the Sciences

Students who plan to select departmental major fields in the School of Natural Sciences and Mathematics will be permitted to substitute the following six courses for the six Basic Studies courses in the School of Natural Sciences and Mathematics.

Mathematics 110-112
Biology 110

Chemistry 110-112
Physics 110

A student majoring in one of the natural sciences or in mathematics will not forfeit his eligibility to use the above substitutions by subsequently transferring to a departmental field in the School of Humanities and Fine Arts or in the School of Social and Behavioral Sciences. If his transfer is made after completing only a portion of this substitution, the student must complete the Basic Studies requirements by selecting, under advisement, some of the regular Basic Studies courses.

MAJOR WITH DUAL FIELDS OF CONCENTRATION

The curriculum pattern developed at the California State College, Dominguez Hills, joins the disciplinary and interdisciplinary approaches

through the major with dual fields of concentration, providing for depth in a single discipline and, through an interdepartmental field, the breadth of perspective which specialized study confined to a single field often does not give.

For the bachelor's degree, every undergraduate at the California State College, Dominguez Hills, must complete a major with two fields of concentration, a departmental field and an interdepartmental field.

No course may be used to satisfy more than one baccalaureate degree requirement. For example, a course which is used to satisfy the requirement for a departmental field may not also be used to satisfy the requirement for an interdepartmental field, and vice versa.

Departmental Fields of Concentration

For Freshmen Entering in 1967

***School of Humanities and Fine Arts**

1. English
2. Fine Arts: Art
3. Fine Arts: Music
4. French
5. Philosophy
6. Spanish

School of Natural Sciences and Mathematics

7. Biological Sciences
8. Chemistry
9. Mathematics
10. Physics

School of Social and Behavioral Sciences

11. Anthropology
12. Economics
13. Geography
14. History
15. Political Science
16. Psychology
17. Sociology

For Juniors Entering in 1967

School of Humanities and Fine Arts

1. English
2. Fine Arts: Music
3. Spanish

School of Natural Sciences and Mathematics

4. Biological Science
5. Chemistry
6. Mathematics

School of Social and Behavioral Sciences

7. Economics
8. History
9. Psychology

* Chinese and German will be added in 1968.

Interdepartmental Fields of Concentration

The programs in the interdepartmental fields are designed to explore areas of study to which several disciplines contribute, and courses from the total offerings of the college which are pertinent to the topic under study are utilized. Each interdepartmental field will culminate in a senior seminar, which serves as a capstone to the program. The seminar is planned to give the student an opportunity to interrelate and extrapolate meanings from the content of the entire curriculum.

For Freshmen Entering in 1967

School of Humanities and Fine Arts

1. East Asian Studies
2. Latin American Studies
3. Linguistics
4. Theater Arts
5. Twentieth Century Thought and Expression

School of Natural Sciences and Mathematics

6. Earth and Space Sciences
7. The Foundations of Natural Science
8. Information and Communication Systems

*School of Social and Behavioral Sciences

9. American Business and Economic Systems
10. American Studies
11. Behavioral Sciences
12. Environmental Design and Urban Studies

For Juniors Entering in 1967

School of Humanities and Fine Arts

1. Twentieth Century Thought and Expression

School of Natural Sciences and Mathematics

2. Earth and Space Sciences
3. The Foundations of Natural Science

School of Social and Behavioral Sciences

4. American Studies
5. Behavioral Sciences

* International Relations will be added in 1968.

GRADUATE PROGRAMS

PROFESSIONAL

Programs leading to professional certification for elementary and secondary teachers will be initiated this year. See education course offerings in the School of Social and Behavioral Sciences.

It is currently planned that professional programs in other fields such as business, and urban studies will be offered through graduate institutes. These programs will be initiated in certain fields at the beginning of the 1968 academic year.

GRADUATE DEGREE

Graduate programs leading to the master of arts degree will be offered in selected departments, and in interdepartmental graduate institutes, subsequent to approval by the Board of Trustees of the California State Colleges. Course work leading to the first master of arts degree in Behavioral Sciences will be available in 1968.



MAJOR FIELDS OF CONCENTRATION AND COURSE OFFERINGS

NOTE

In catalog listings of course offerings and the quarter in which courses are to be scheduled, the college makes every effort to be accurate so that students can plan their year's work accordingly. However, the college reserves the right to withdraw courses or to change the quarter in which courses are scheduled, when such action is deemed necessary. For up-to-date information each quarter, students should consult the published Schedule of Classes.

THE SCHOOL OF HUMANITIES AND FINE ARTS

The School of Humanities and Fine Arts offers instruction in language, literature, music, philosophy and visual arts. The School is responsible for instruction in the Basic Studies program in the humanities and fine arts; for departmental fields in art, English, foreign languages, music, and philosophy; for much of the course work in the interdepartmental fields of East Asian Studies, Latin American Studies, Linguistics, Theater Arts, and Twentieth Century Thought and Expression; and for elective courses in the departmental fields named.

Among the course offerings open to all students in the college are activities courses and workshops in drama, music, and art. These courses offer training and experience in creating works in the visual arts and in creating and performing works in the arts of music and drama. Such courses are designed as part of an overall framework for lifelong interests and not primarily as preparation for a professional career in one of these arts.

Students choosing departmental or interdepartmental fields offered by the School of Humanities and Fine Arts will ordinarily be pursuing one or more of the following objectives: completing a college education in the liberal arts and sciences with an emphasis on humanistic and fine arts studies; preparing for graduate study leading to advanced degrees in one of the fields offered by the School; preparing for a career in teaching; or preparing for a variety of pursuits in which an emphasis on the humanities and fine arts is especially desirable.

School Requirements for the B.A. Degree

In addition to satisfying all other college requirements for the B.A. degree, students who plan to take the degree in one of the departmental fields offered by the School of Humanities and Fine Arts have two School requirements to meet:

- a. A B.A. degree candidate must complete satisfactorily at least nine upper division full courses (or a combination of full and half courses equivalent to nine full courses) in one of the departmental patterns specified in the following pages.
- b. A B.A. degree candidate must perform satisfactorily on a comprehensive examination set by the department. The examination may consist partly of writing short papers on assigned topics in the library or at home, or with open-book privileges in an examination room. Part of the test may be oral.

Foreign Language

Students with major fields in the School of Humanities and Fine Arts are urged to achieve proficiency in a foreign language before completing their college careers. Such proficiency, however, is not at present a requirement for the B.A. degree.

ART

Students selecting a departmental field in art should note: Upper division courses will be offered beginning in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN ART

Lower Division

Art 180. Visual Elements Workshop

Art 190. Three-Dimensional Media Workshop

Upper Division

Three courses selected from ancient, medieval, and renaissance art

Three courses selected from baroque, modern, and oriental art

Two courses including documents of art literature and theories of art criticism

One course in directed research

COURSE OFFERINGS IN ART

Lower Division

100. BASIC STUDIES ART. A course presenting a series of steps designed to lead to an art of seeing. Intensive study of the materials, elements, and compositional factors of a limited number of art works to uncover the underlying principles of knowing and discerning the literature of art works in several different media. *Two hours of lecture and two hours of small group discussion per week.*

Fall, Winter, Spring Full Course (4)

120. FIELD STUDY IN ART. Guided observation and analysis of visual arts in various media through visits to studios, galleries, museums, and public buildings. *One hour of lecture and three hours in the field per week.*

Fall, Spring One-Half Course (2)

180. VISUAL ELEMENTS WORKSHOP. A studio course introducing the student to the various elements of art and their use in visual communication. *Three hours per week plus additional work by arrangement.*

Fall, Winter, Spring One-Half Course (2)*

190. THREE-DIMENSIONAL MEDIA WORKSHOP. A studio course introducing the student to problems and materials of a three-dimensional medium. *Three hours per week plus additional work by arrangement.*

Fall, Winter, Spring One-Half Course (2)*

Upper Division

250. AMERICAN ART AND AMERICAN SOCIETY. A study of the ways in which American artists, architects, and designers have reacted to, have been influenced by, and have initiated important world trends in the arts.

Fall Full Course (4)

* Repeatable Course

270. TWENTIETH-CENTURY ARTISTS: THEIR WRITINGS AND THEIR ART. An examination of some of the outstanding documents of 20th century artists (such as the books of Mondrian, Kandinsky, Klee, Shahn, Wright, etc.) to understand their ideas and art and to locate both similarities and differences between their "20th-century-ness" and their relationship to tradition.

Winter Full Course (4)

280. PERIOD STUDIES IN ART. An intensive study of the art works, critical theories, and general artistic and social style and temper of a single period of art history. *Two hours of lecture and two hours of group discussion per week.*

Spring Full Course (4)

EAST ASIAN STUDIES

An Interdepartmental Field of Concentration

This field is designed to provide an understanding of social, political, and cultural patterns of East Asia, with emphasis on China and Japan. The study of major philosophic and artistic works of East Asian civilization is included.

Juniors may begin the program in 1968.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN EAST ASIAN STUDIES

Upper Division

- A. Three courses from the School of Humanities and Fine Arts, selected from such areas as:
 - Literature of China and Japan
 - Oriental art
 - Oriental music
 - Philosophies of eastern civilization
 - B. Three courses from the School of Social and Behavioral Sciences, selected from such areas as:
 - History of Asia
 - Geography of East Asia
 - Political thought of East Asia
 - Peoples and cultures of East Asia
 - C. Two additional courses, selected with approval of the adviser, from the above lists or from Chinese or Japanese language.
 - D. The senior seminar in this field.
- Recommended elective: One or two years of college-level study of Chinese or Japanese language is recommended.

ENGLISH

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN ENGLISH

Lower Division

Although there are no specified lower division requirements, students should (a) develop high proficiency in reading and (b) extend their background in the arts.

Upper Division

English 210-211. Principles of Linguistic Study I, II

English 230. Readings in British Literature

English 235. Readings in World Literature

English 240. Masterpieces in American Literature (English majors whose inter-departmental field is American Studies, which requires English 240, will choose another course in English with the approval of a departmental adviser.)

English 245. Literary Criticism

English 295. Seminar in Special Topics in British Literature

English 296. Seminar in Special Topics in American Literature

English 298. Independent Study

As part of the comprehensive examination for the B.A. degree, the English major is required to show his understanding of literary forms and of the structure of contemporary English, and to demonstrate knowledge of the major trends and movements of American, English, and world literature. Preparation for the examination should include detailed knowledge of all works on the English Reading List, whether these works are studied in courses or independently. A copy of the English Reading List should be obtained during the student's first quarter of upper division work in English.

COURSE OFFERINGS IN ENGLISH

Lower Division

050. REVIEW OF READING AND WRITING SKILLS. Activities designed to improve proficiency in reading and writing for students who fail the Qualifying Test for English 100. *Two hours per week.*

Fall, Winter, Spring Non-Credit

100. BASIC STUDIES ENGLISH I. Practice in composition, oral and written, and in related skills of reading and critical thinking. Also includes a study of elements of language structure, with the focus on contemporary American English. *Prerequisite: Satisfactory performance on the Qualifying Test for English 100.*

Fall, Winter, Spring Full Course (4)

101. BASIC STUDIES ENGLISH II. A continuation of English 100. *Prerequisite: English 100.*

Fall, Winter, Spring Full Course (4)

102. BASIC STUDIES LITERATURE. Analysis and appreciation of major literary forms—fiction, drama, poetry—with continuation of practice in written expression. *Prerequisite: English 101.*

Fall, Spring Full Course (4)

111. THE DEVICES OF PERSUASION. How to identify the devices of persuasion in written or oral discourse and practice in the use of such devices in speaking and in writing. *Four hours per week.*

Fall, Spring One-Half Course (2)

120. DRAMA WORKSHOP. An activity course for the general student and for the prospective major in theater arts, with participation in one or more productions each quarter. *Four hours per week plus additional hours to be arranged.*

Fall, Winter, Spring One-Half Course (2)*

125. FIELD STUDY IN DRAMA. Guided observation and analysis of rehearsal, staging, and production of dramatic performances in educational and community theaters, repertory groups, and the professional theater, including motion picture and television. *One hour of lecture and three hours in the field per week.*

Spring One-Half Course (2)

130. UNDERSTANDING FICTION. Analysis and discussion of selected masterpieces in the short story and the novel; regularly assigned papers.

Fall Full Course (4)

131. UNDERSTANDING DRAMA. Analysis and discussion of selected masterpieces in dramatic literature; regularly assigned papers.

Winter Full Course (4)

132. UNDERSTANDING POETRY. Analysis and discussion of selected masterpieces in verse; regularly assigned papers.

Spring Full Course (4)

Upper Division

210. PRINCIPLES OF LINGUISTIC STUDY I. The basic vocabulary, principles, and techniques of linguistic analysis with the focus on present-day English.

Fall Full Course (2)

211. PRINCIPLES OF LINGUISTIC STUDY II. A continuation of English 210. *Prerequisite: English 210.*

Winter Full Course (2)

212. PROBLEMS IN ENGLISH LINGUISTICS. Selected problems in English phonology, morphology, and syntax. *Prerequisite: English 211.*

Spring Full Course (4)

220. DRAMA WORKSHOP. A laboratory course for upper division students with previous theater experience. Emphasis on extending the range of participants' experiences in a variety of theatrical styles and assignments. Participation in one or more productions each quarter. *Three hours per week plus additional hours to be arranged.*

Fall, Winter, Spring One-Half Course (2)*

230. READINGS IN BRITISH LITERATURE. Intensive study of selected major writers and periods.

Fall Full Course (4)

235. READINGS IN WORLD LITERATURE. Intensive study of selected major writers from the world's literature, read in translation.

Winter Full Course (4)

* Repeatable Course

- 240. MASTERPIECES IN AMERICAN LITERATURE.** Intensive study of selected American works in relation to the culture which produced them and which they reflect. Fall, Winter, Spring Full Course (4)
- 245. LITERARY CRITICISM.** Exploration of major critical systems for the judgment of literary works. Exercises in practical criticism. *Prerequisite: English 230, 235, or equivalents.* Spring Full Course (4)
- 250. ADVANCED COMPOSITION.** Advanced practice in expository writing. *Prerequisite: English 100 and 101.* Fall Full Course (4)
- 251. CREATIVE WRITING.** Practice in various forms of imaginative writing. *Prerequisite: English 101 and consent of instructor.* Winter Full Course (4)
- 260. CONTEMPORARY THEATER.** Selected masterpieces of the contemporary stage including the Theater of the Absurd and the experimental theater. Winter Full Course (4)
- 270. TWENTIETH CENTURY EXPERIMENTS IN LITERARY FORM.** Explorations of relations between form and matter in literary works through intensive study of some of the experimental writing of this century. Spring Full Course (4)
- 295. SEMINAR IN SPECIAL TOPICS IN BRITISH LITERATURE.** Intensive study of a single author (e.g., Chaucer, Milton, Shakespeare, T. S. Eliot), a single period (e.g., the Renaissance, the Age of Reason), or a literary genre (e.g., satire, the epic). *Prerequisite: Senior standing and consent of instructor.* Fall Full Course (4)
- 296. SEMINAR IN SPECIAL TOPICS IN AMERICAN LITERATURE.** Intensive study of a single author (e.g., Whitman, Melville, Faulkner), a single period (e.g., The American Renaissance, Twentieth Century), or a literary movement (e.g., naturalism, transcendentalism). *Prerequisite: Senior standing and consent of instructor.* Winter Full Course (4)
- 297. DIRECTED RESEARCH.** Preparation of a bachelor's paper. *Prerequisite: Consent of instructor.* Fall, Winter, Spring Full Course (4)
- 298. INDEPENDENT STUDY.** Preparation for the comprehensive examination. Individual readings and reports. *Prerequisite: Consent of the department head.* Spring Full Course (4)

FRENCH

Students selecting a departmental field in French should note: only lower division courses will be available in 1967; upper division courses will be offered beginning in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN FRENCH

Lower Division

French 110-111-112. First, Second, and Third Quarter French
French 120-121-122. Fourth, Fifth, and Sixth Quarter French

NOTE: Students who have completed two, three, or four years of high school French and who pass a proficiency test will be placed in the appropriate quarter of college French. Consult a departmental adviser for details.

Upper Division

Two courses in French linguistics
Three courses to be selected from techniques of literary study
Two courses in French civilization
One course in directed research
One course in independent study

COURSE OFFERINGS IN FRENCH

All courses are conducted in French.

Lower Division

110. FIRST-QUARTER FRENCH. Basic instruction in French. Training in speaking, listening, reading, and writing for students who have had no previous work in French.

Fall Full Course (4)

111. SECOND-QUARTER FRENCH. A continuation of French 110. *Prerequisite: French 110 or a satisfactory score on a placement test.*

Winter Full Course (4)

112. THIRD-QUARTER FRENCH. A continuation of French 111. *Prerequisite: French 111 or a satisfactory score on a placement test.*

Spring Full Course (4)

120. FOURTH-QUARTER FRENCH. A continuation of French 112. *Prerequisite: French 112 or a satisfactory score on a placement test.*

Fall Full Course (4)

121. FIFTH-QUARTER FRENCH. A continuation of French 120. *Prerequisite: French 120 or a satisfactory score on a placement test.*

Winter Full Course (4)

122. SIXTH-QUARTER FRENCH. A continuation of French 121. *Prerequisite: French 121 or a satisfactory score on a placement test.*

Spring Full Course (4)

130. FRENCH CONVERSATION. An activity course focusing on progressive exercises for building speaking proficiency. *Four hours per week. Prerequisite: One year of college French or equivalent.*

Winter, Spring One-Half Course (2)

LINGUISTICS

An Interdepartmental Field of Concentration

This field of concentration is designed to provide an understanding of the nature of language in its several dimensions as a means of communication, a complex symbolic structure, an artistic medium, and an instrument of social control.

Juniors may begin this program in 1968.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN LINGUISTICS

Upper Division

- A. Two courses in general and applied linguistics.
- B. Three courses from the School of Humanities and Fine Arts.
(Courses dealing with twentieth century literature, stylistics, modern logic, or semantics would apply.)
- C. Three courses from the School of Social and Behavioral Sciences.
(Examples of courses which would apply are:
A course in anthropology dealing with language and culture
Political Science 270. Public Opinion and Propaganda
Psychology 211. Sensation and Perception
Psychology 260. Personality
Sociology 250. Seminar in Small Groups)
- D. The senior seminar in this field.

NOTE: Proficiency in at least one foreign language is strongly recommended.

MUSIC

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN MUSIC

Lower Division

Music 110-111-112. Music Theory I, II, III

Upper Division

Music 210-211-212. Advanced Music Theory I, II, III

Music 213. Counterpoint

Music 214. Instrumentation

Music 215. Composition

Music 216. Seminar in Medieval and Renaissance Music

Music 217. Seminar in Baroque and Classical Music

Music 218. Seminar in Romantic and Modern Music

Candidates for the B.A. with the departmental field in music must also:

- a. Meet the requirements of the School of Humanities and Fine Arts, listed on pages 33-34.
- b. Demonstrate a minimal level of competency on the piano.
- c. Participate in one of the college's performing groups during each quarter in residence following declaration of candidacy for the degree.

COURSE OFFERINGS IN MUSIC

Lower Division

100. BASIC STUDIES MUSIC. An introduction to the technique of listening to music. The elements of music, basic principles of continuity, and their realizations in large structures will be studied in music drawn from all periods of history. *Two hours of lecture and two hours of small group discussion per week.*

Fall, Winter, Spring Full Course (4)

110. MUSIC THEORY I. An introduction to the basic theory of music with emphasis on materials derived from the common practice of the Classical period: the vocabulary of diatonic scales and modes, chords and their relationships, harmonic analysis, sight-singing, keyboard harmony, dictation, rhythmic drills, and other forms of instruction.

Fall Full Course (4)

111. MUSIC THEORY II. Detailed examination, in theoretical as well as applied contexts, of the interchangeability of the modes, secondary dominants, non-dominant harmony, and other basic altered-chord types characteristic of the common-practice period. *Prerequisite: Music 110.*

Winter Full Course (4)

112. MUSIC THEORY III. Enlargement and application of the vocabulary of chromatic and modulatory concepts as practiced in the late Classical and early Romantic periods. *Prerequisite: Music 111.*

Spring Full Course (4)

- 180. VOCAL ENSEMBLE.** Performance of the outstanding vocal literature of all periods. *Three hours per week plus additional work by arrangement.*
Fall, Winter, Spring One-Fourth Course (1)*
- 181. CLASS VOICE.** A small class, along with private lessons when appropriate, for the study of the literature and techniques of the solo song. *Two hours per week.*
Fall, Winter, Spring One-Fourth Course (1)*
- 190. EARLY INSTRUMENTS.** Study and repertory of some of the instruments of the early periods of music history. Elementary principles of playing the recorder, lute, viola da gamba, and harpsichord. *Two hours per week.*
Fall, Winter, Spring One-Fourth Course (1)*
- 191. CLASS PIANO.** A study of the technique and literature of the piano conducted on a small class basis and using private lessons when appropriate. *Two hours per week.*
Fall, Winter, Spring One-Fourth Course (1)*
- 192. INSTRUMENTAL ENSEMBLE.** Study, rehearsal, and performance in concert of instrumental music from all periods. *Three hours per week.*
Fall, Winter, Spring One-Fourth Course (1)*

Upper Division

- 210. ADVANCED MUSIC THEORY I.** A continuation and deepening of the Music 110-111-112 sequence. More complex harmonic, linear, and rhythmic functions in music drawn from Baroque, Classical, and Romantic periods. *Prerequisite: Music 112.*
Fall Full Course (4)
- 211. ADVANCED MUSIC THEORY II.** Examination of the problem of chromatic harmony drawn from the works of such composers as Wagner, Strauss, Mahler, Debussy, and Ravel. *Prerequisite: Music 210.*
Winter Full Course (4)
- 212. ADVANCED MUSIC THEORY III.** Introduction to the techniques of the modern and contemporary period, emphasizing such tonality-extending devices as quartal and quintal harmony, modality, pandiatonicism, pantonality, and atonality. *Prerequisite: Music 211.*
Spring Full Course (4)
- 213. COUNTERPOINT.** Basic contrapuntal principles as found in the outstanding "linear" periods of music history. Exercises in a modal, tonal, and modern style will be used. *Prerequisite: Music 112.*
Fall Full Course (4)
- 214. INSTRUMENTATION.** An exploration of the acoustical and musical characteristics of all the major orchestral and band instruments. Combinations of instruments, both as families and in mixed ensembles, will be examined and written for. *Prerequisite: Music 213.*
Winter Full Course (4)
- 215. COMPOSITION.** A synthesis of the various theoretical courses studied so far. Student-composed works, in the simpler forms, for small groups will be played and discussed. *Prerequisite: Music 214.*
Spring Full Course (4)

* Repeatable Course

216. MEDIEVAL AND RENAISSANCE MUSIC. An exploration of the development of music from the Medieval Period to Renaissance. Styles of music will be studied to uncover the various musical, aesthetic, and social determinants underlying the musical literature. *Prerequisite: Music 215.*

Not offered in 1967-68 Full Course (4)

217. BAROQUE AND CLASSICAL MUSIC. A continuation of Music 216. *Prerequisite: Music 216.*

Not offered in 1967-68 Full Course (4)

218. ROMANTIC AND MODERN MUSIC. A continuation of Music 217. *Prerequisite: Music 217.*

Not offered in 1967-68 Full Course (4)

250. AMERICAN MUSIC. An examination of selected works in American music from colonial times to the present, concentrating on the emergence of several important styles and composers in the twentieth century and their relationship to American society.

Winter Full Course (4)

270. TWENTIETH CENTURY COMPOSERS: THEIR WRITINGS AND THEIR MUSIC. An interdisciplinary course examining some of the outstanding documents of twentieth century composers (such as the books of Stravinsky, Schönberg, Bartok, and Ives) to increase understanding of their ideas and music.

Spring Full Course (4)

PHILOSOPHY

Students selecting a departmental field in philosophy should note: Upper division courses will be offered beginning in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN PHILOSOPHY

Lower Division

No lower division courses are required; however, Philosophy 110. Language, Logic, and Truth is recommended.

Upper Division

Three courses including ethics, modern logic, and aesthetics
Three courses including theory of meaning, philosophy in western civilization, and philosophy in eastern civilization
One special topics course
One course in directed research
One course in independent study

COURSE OFFERINGS IN PHILOSOPHY

Lower Division

110. LANGUAGE, LOGIC, AND TRUTH. Practice in the analysis of fundamental problems relating to language and logic and the meaning of "truth" in the world of the logician. *Prerequisite: English 101 and Mathematics 100, or equivalent.*
Winter Full Course (4)

Upper Division

200. BASIC STUDIES PHILOSOPHY. Analysis through the study of philosophic masterpieces of a single key concept in philosophic thought, e.g., the concept of freedom.

Fall, Spring Full Course (4)

220. AESTHETICS. A review of basic questions about the existence and nature of the aesthetic object (and the experience such objects engender) with readings representing major positions on these questions.

Winter Full Course (4)

230. THE NATURE OF SCIENTIFIC AND HUMANISTIC INQUIRY. An exploration of major questions in the philosophy of science and in the relationships between the sciences and the humanities.

Fall Full Course (4)

260. SELECTED WORKS IN EXISTENTIALIST THOUGHT. A small number of works of the major continental existentialist thinkers will be read and analyzed intensively. *Prerequisite: Philosophy 200 or equivalent.*

Winter Full Course (4)

270. PHILOSOPHY IN THE MODERN WORLD. Philosophy in relation to twentieth-century thought and culture, with emphasis on the doctrinal complex: Man—Nature—Society—History.

Fall Full Course (4)

SPANISH

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN SPANISH

Lower Division

Spanish 110-111-112. First, Second, and Third Quarter Spanish

Spanish 120-121-122. Fourth, Fifth, and Sixth Quarter Spanish

NOTE: Students who have completed two, three, or four years of high school Spanish and who pass a proficiency test will be placed in the appropriate quarter of college Spanish. Consult a departmental adviser for details.

Upper Division

Spanish 210. Phonetic and Syntactic Patterns of Contemporary Latin-American Spanish

Spanish 211. Linguistic Analysis of Contemporary Spanish

Spanish 230-231. Techniques of Literary Study I, II

Spanish 232. Explicacion de Textos (or a special topics course in linguistics as advised)

Spanish 250. Contemporary Hispanic Culture: Spain

Spanish 251. Contemporary Hispanic Culture: Latin America

Spanish 297. Directed Research

Spanish 298. Independent Study

The B.A. candidate in Spanish is required, as part of his comprehensive examination for the bachelor's degree, to demonstrate proficiency in audio-lingual and reading-writing skills, to show understanding of the contemporary cultures of Spain and of Latin America, and to show knowledge of major developments in Spanish and Latin-American literature.

COURSE OFFERINGS IN SPANISH

All courses are conducted in Spanish.

Lower Division

110. FIRST-QUARTER SPANISH. Basic instruction in Spanish. Training in speaking, listening, reading, and writing for students who have had no previous work in Spanish.

Fall Full Course (4)

111. SECOND-QUARTER SPANISH. A continuation of Spanish 110. *Prerequisite:* Spanish 110 or a satisfactory score on a placement test.

Winter Full Course (4)

112. THIRD-QUARTER SPANISH. A continuation of Spanish 111. *Prerequisite:* Spanish 111 or a satisfactory score on a placement test.

Spring Full Course (4)

120. FOURTH-QUARTER SPANISH. A continuation of Spanish 112. *Prerequisite:* Spanish 112 or a satisfactory score on a placement test.

Fall Full Course (4)

- 121. FIFTH-QUARTER SPANISH.** A continuation of Spanish 120. *Prerequisite: Spanish 120 or a satisfactory score on a placement test.*
Winter Full Course (4)
- 122. SIXTH-QUARTER SPANISH.** A continuation of Spanish 121. *Prerequisite: Spanish 121 or a satisfactory score on a placement test.*
Spring Full Course (4)
- 130. SPANISH CONVERSATION.** An activity course focusing on progressive exercises for building speaking proficiency. *Four hours per week. Prerequisite: One year of college Spanish or the equivalent.*
Fall, Winter, Spring One-Half Course (2)
- 150. DRAMA WORKSHOP.** An activity course open to all students who can understand Spanish and have minimal speaking proficiency. *Three hours per week plus additional work by arrangement.*
Not offered in 1967-68 One-Half Course (2)*

Upper Division

- 210. PHONETIC AND SYNTACTIC PATTERNS OF CONTEMPORARY LATIN-AMERICAN SPANISH.** An introduction to applied linguistics for Spanish majors. Advanced drill in sound and syntax patterns. *Prerequisite: Two years of college Spanish or equivalent.*
Fall Full Course (4)
- 211. LINGUISTIC ANALYSIS OF CONTEMPORARY SPANISH.** Exercises in applied linguistics, continuing the work of Spanish 210. *Prerequisite: Spanish 210.*
Winter Full Course (4)
- 230. TECHNIQUES OF LITERARY STUDY I.** An introduction to the basic principles and techniques used in studying works of literature. Selection will be made from Spanish and Latin-American works of fiction, drama, and poetry. *Prerequisite: Two years of college Spanish or equivalent.*
Fall Full Course (4)
- 231. TECHNIQUES OF LITERARY STUDY II.** A continuation of Spanish 230 with emphasis on the Spanish essay. *Prerequisite: Spanish 230.*
Winter Full Course (4)
- 232. EXPLICACION DE TEXTOS.** Practice in the explication of literary texts selected from Spanish and Latin-American writers. *Prerequisite: Spanish 231.*
Spring Full Course (4)
- 250. CONTEMPORARY HISPANIC CULTURE: SPAIN.** An area studies course focusing on patterns of culture in contemporary Spain.
Spring Full Course (4)
- 251. CONTEMPORARY HISPANIC CULTURE: LATIN AMERICA.** An area studies course focusing on patterns of culture in contemporary Latin America.
Not offered in 1967-68 Full Course (4)
- 297. DIRECTED RESEARCH.** Preparation of the bachelor's paper. *Prerequisite: Senior standing and consent of the department head.*
Not offered in 1967-68 Full Course (4)
- 298. INDEPENDENT STUDY.** Preparation for the B.A. comprehensive examination. *Prerequisite: Senior standing and consent of the department head.*
Not offered in 1967-68 Full Course (4)

* Repeatable Course

THEATER ARTS

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

This interdepartmental field is designed to give strong emphasis to the literature and history of the theater as well as to outstanding critical theories of drama. An introduction to the technique and mechanics of the theater will be included, as well as courses dealing with human personality and the social and culture matrix that influences theatrical art.

Juniors may begin the program in 1968.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN THEATER ARTS

Upper Division

- A. Three courses from the School of Humanities and Fine Arts, selected from the following:
 - Studies in European, American, and Oriental theater
 - Dramatic literature and criticism
 - Studies of drama in performance
 - Philosophy 220. Aesthetics
 - Philosophy 260. Selected Works in Existentialist Thought
 - Philosophy 270. Philosophy in the Modern World
- B. Three courses from the School of Social and Behavioral Sciences, selected from:
 - Political Science 250. History of Political Ideas
 - Psychology 211. Sensation and Perception
 - Psychology 240. Social Psychology
 - Psychology 260. Personality
- C. Four half-courses in drama workshop.
- D. The senior seminar in this field.

TWENTIETH CENTURY THOUGHT AND EXPRESSION

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The interdepartmental field in Twentieth Century Thought and Expression is designed to give the student a broad background in significant modern trends and developments in the humanities, the social sciences and natural science, and in many of the basic issues facing twentieth-century man.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN TWENTIETH CENTURY THOUGHT AND EXPRESSION

Upper Division

- A. Three courses, selected from at least two different departments in the School of Humanities and Fine Arts.
(Examples of courses which would apply are:
Art 270. Twentieth Century Artists: Their Writings and Their Art
English 260. Contemporary Theater
English 270. Twentieth Century Experiments in Literary Form
Music 270. Twentieth Century Composers: Their Writings and Their Music
Philosophy 260. Selected Works in Existentialist Thought
Philosophy 270. Philosophy in the Modern World)
- B. Three courses, selected from at least two different departments in the School of Social and Behavioral Sciences.
(Examples of courses which would apply are:
History 228. Twentieth Century Europe
History 248. United States: Recent Period
History 262. Latin America: National Period
History 272. Asia from 1600
Political Science 251. Modern Political Thought
Psychology 260. Personality
Sociology 250. Seminar in Small Groups
Sociology 255. Seminar in Modern Sociological Theories)
- C. Two additional courses from outside the student's departmental major field.
(A course in twentieth century science and technology could apply.)
- D. The senior seminar in this field.

COURSE OFFERING

Upper Division

- 290. SEMINAR IN TWENTIETH CENTURY THOUGHT AND EXPRESSION.** *Prerequisite: Senior standing and consent of instructor.*
Spring Full Course (4)

THE SCHOOL OF NATURAL SCIENCES AND MATHEMATICS

The School of Natural Sciences and Mathematics includes departments of biological science, chemistry, health and physical education, mathematics and physics. The School is responsible for instruction in the Basic Studies program in the biological and physical sciences and mathematics; for the required course work in health and physical education; for departmental fields in biological science, chemistry, mathematics, and physics; for much of the course work in the interdepartmental fields of Earth and Space Sciences, The Foundations of Natural Science, and Information and Communication Systems, among others; and for elective courses in the various departments.

Curriculums in the School are designed to emphasize the principles, concepts, and tools which unify and underlie all of the natural sciences and mathematics, without minimizing the distinctiveness of each.

Programs in the departmental fields are sufficiently flexible to serve students with various educational, vocational, and professional goals. Suitable combinations of departmental and interdepartmental fields will enable a student to prepare for graduate work and a subsequent career as a professional scientist; to prepare for professional graduate schooling in medicine, dentistry, or engineering; to enter directly into industrial or government laboratories; to prepare for teaching; or to provide a scientific background for a future career in business, law, or management.

Lower division students who plan to choose departmental fields in the School of Natural Sciences and Mathematics will normally substitute for the prescribed group of Basic Studies courses in sciences and mathematics most or all of a separate group of courses designed as preparation for the upper division major fields. The complete group of lower division courses to be substituted consists of course sequences in chemistry and in mathematics in the freshman year, and course sequences in physics and in biological science in the sophomore year. (Refer to departmental listings for exact requirements in each of the departmental fields.)

BIOLOGICAL SCIENCE

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN BIOLOGICAL SCIENCE

Lower Division

- Biology 110-112-114. Principles of Biology
- Chemistry 110-112-114. General and Quantitative Chemistry
- Chemistry 120. Organic Chemistry
- Physics 102. Basic Studies Physics *or*
- Physics 110. General Physics
- Mathematics 110-112. Differential and Integral Calculus I and II

Upper Division

- Biology 210-212-214. Organism Biology
- Biology 220. Cell Biology I
- Biology 230. Population Biology
- Biology 240. Genetics
- Biology 294. Senior Seminar in Biology (One-Fourth Course)

Two full courses selected from:

- Biology 222. Cell Biology II
- Biology 224. Microbiology
- Biology 232. Ecology
- Biology 250. Plant Physiology
- Biology 252. Animal Physiology
- Biology 281. Laboratory in Selected Topics in Biology
- Biology 295. Selected Topics in Biology
- Biology 297. Directed Research
- Chemistry 250. Biochemistry

COURSE OFFERINGS IN BIOLOGICAL SCIENCE

Lower Division

102. BASIC STUDIES BIOLOGY. 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 and three hours of laboratory per week. Prerequisite: Chemistry 100.*

Fall, Winter, Spring Full Course (4)

110. PRINCIPLES OF BIOLOGY. A broad introduction to biological substances and systems on the molecular, cellular, organism and population levels; structures of plants and animals. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Chemistry 114.*

Fall Full Course (4)

112. PRINCIPLES OF BIOLOGY. A continuation of Biology 110. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Biology 110.*

Winter Full Course (4)

114. PRINCIPLES OF BIOLOGY. A continuation of Biology 112. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Biology 112.*

Spring Full Course (4)

Upper Division

- 210. ORGANISM BIOLOGY.** A study of the development, structure, systematics and function of organisms with emphasis on multicellular organisms. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 114.*
Fall Full Course (4)
- 212. ORGANISM BIOLOGY.** A continuation of Biology 210. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 210.*
Winter Full Course (4)
- 214. ORGANISM BIOLOGY.** A continuation of Biology 212. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 212.*
Spring Full Course (4)
- 220. CELL BIOLOGY I.** Cell metabolism, osmosis, permeability, ion transport, mechanisms of synthesis and bioelectric phenomena in selected organisms. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 114 and Chemistry 120.*
Winter Full Course (4)
- 222. CELL BIOLOGY II.** Structure and organization of cells during division, growth and development and their integration into tissues. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 114 and Chemistry 120.*
Spring Full Course (4)
- 224. MICROBIOLOGY.** The biological and chemical properties of the major groups of micro-organisms. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 114 and Chemistry 120.*
Winter Full Course (4)
- 230. POPULATION BIOLOGY.** Structure and organization of populations; principles of population growth and density control; traffic of materials and energy between populations. *Three hours of lecture and three hours of laboratory and field work per week. Prerequisite: Biology 114, or completion of the lower division Basic Studies science program.*
Spring Full Course (4)
- 232. ECOLOGY.** Distribution of plants and animals with reference to environmental factors and adaptation to special habitats. *Three hours of lecture and three hours of laboratory and field work per week. Prerequisite: Biology 114, or completion of the lower division Basic Studies science program.*
Fall Full Course (4)
- 240. GENETICS.** Facts and theories of heredity; the action of genes on the molecular and organismic levels; variations and mutations. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Biology 114, or completion of the lower division Basic Studies science program.*
Fall Full Course (4)
- 250. PLANT PHYSIOLOGY.** A study of plant relations to water and solutes, plant nutrition, photosynthesis and plant metabolism. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 214.*
Not offered in 1967-68 Full Course (4)
- 252. ANIMAL PHYSIOLOGY.** A study of the digestive, circulatory and respiratory systems, and of the role of muscular, sensory, nervous and endocrine systems in animal organisms. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Biology 214.*
Not offered in 1967-68 Full Course (4)

260. BIOLOGICAL OCEANOGRAPHY. A study of the oceans and their phenomena, with particular emphasis upon the animal and plant inhabitants of ocean waters. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Biology 114 or completion of the lower division Basic Studies science program.*
Fall Full Course (4)

264. PALEONTOLOGY. A study of the life of past geological periods on the basis of fossil remains of plants and animals; the significance of such study in understanding natural science today. *Three hours of lecture and three hours of laboratory per week, with field work assignments. Prerequisite: Biology 114 or completion of the lower division Basic Studies science program.*
Winter Full Course (4)

281. LABORATORY IN SELECTED TOPICS IN BIOLOGY. Advanced laboratory work for small groups of biology majors. *Six or twelve hours of laboratory per week. Prerequisite: Consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

294. SENIOR SEMINAR IN BIOLOGY. Intensive use of current biological literature and bibliographies. *Two hours of presentation and discussion per week. Prerequisite: Senior standing and Biological Science major.*

Not offered in 1967-68 One-Fourth Course (1)*

295. SELECTED TOPICS IN BIOLOGY. Advanced course which may include laboratory exercises. *Prerequisite: Consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

297. DIRECTED RESEARCH. Advanced laboratory work, with each student undertaking an independent and original investigation. *Six or twelve hours of laboratory per week. Prerequisite: Senior standing and consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

* Repeatable Course

CHEMISTRY

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN CHEMISTRY

Lower Division

Chemistry 110-112-114. General and Quantitative Chemistry
Chemistry 120. Organic Chemistry I
Mathematics 110-112-114. Differential and Integral Calculus I, II, III
Physics 110-112-114. General Physics
Biology 102. Basic Studies Biology *or*
Biology 110. Principles of Biology

Upper Division

Chemistry 212-214. Organic Chemistry II, III
Chemistry 211-213. Organic Chemistry Laboratory I, II
Chemistry 220-222-224. Physical Chemistry
Chemistry 230-231. Analytical Chemistry
Chemistry 240. Inorganic Chemistry

COURSE OFFERINGS IN CHEMISTRY

Lower Division

100. BASIC STUDIES STRUCTURE OF MATTER. Review of operational mathematics. The basic nature and meaning of science; the structures of atoms and of groupings of atoms; structures in the solid, liquid and gaseous states; laws of mechanics and energy factors as related to structure. *Three hours of lecture and one hour of discussion per week.*

Fall, Winter, Spring Full Course (4)

102. BASIC STUDIES CHEMISTRY. Representative topics in modern chemistry, emphasizing the present state of knowledge and the major means whereby this knowledge is being expanded. *Three hours of lecture and one hour of discussion per week. Prerequisite: Chemistry 100 and Mathematics 100.*

Fall, Winter, Spring Full Course (4)

110. GENERAL AND QUANTITATIVE CHEMISTRY. Atomic structure and periodicity; chemical bonding; elementary thermodynamics, kinetics and equilibrium; inorganic chemistry; quantitative chemical relationships and measurements. *Three hours of lecture and three hours of laboratory per week.*

Fall Full Course (4)

112. GENERAL AND QUANTITATIVE CHEMISTRY. A continuation of Chemistry 110. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Chemistry 110.*

Winter Full Course (4)

114. GENERAL AND QUANTITATIVE CHEMISTRY. A continuation of Chemistry 112. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Chemistry 112.*

Spring Full Course (4)

120. ORGANIC CHEMISTRY I. A systematic study of organic compounds, with emphasis on molecular structure and reaction mechanisms. Introduction to spectroscopic methods of analysis of organic compounds. *Prerequisite: Chemistry 114.*

Fall, Spring Full Course (4)

Upper Division

211. ORGANIC CHEMISTRY LABORATORY I. Basic experimental techniques. Preparation of compounds. Introduction to infrared spectroscopy, gas chromatography, and other instrumental methods. *Six hours of laboratory per week. Prerequisite: Chemistry 120.*

Fall, Winter One-Half Course (2)

212. ORGANIC CHEMISTRY II. Structures and reactions of organic compounds containing oxygen, sulfur, nitrogen, and other elements. Synthetic and analytical methods. *Prerequisite: Chemistry 120.*

Winter Full Course (4)

213. ORGANIC CHEMISTRY LABORATORY II. Preparation of organic compounds. Analysis and identification of known compounds *via* chemical and instrumental methods. *Six hours of laboratory per week. Prerequisite: Chemistry 211 and Chemistry 212, or concurrent enrollment in Chemistry 212.*

Winter, Spring One-Half Course (2)

214. ORGANIC CHEMISTRY III. Polyfunctional systems, heterocyclics. Advanced aspects of theoretical organic chemistry. Laboratory work includes analysis of unknown compounds, methods of investigating reaction mechanisms, isolation of natural products. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Chemistry 213.*

Spring Full Course (4)

220. PHYSICAL CHEMISTRY. The first of a series of courses covering thermodynamics, properties of matter, atomic and molecular structure, chemical kinetics, photochemistry, and surface chemistry. *Prerequisite: Chemistry 114, Mathematics 114, and Physics 114.*

Fall Full Course (4)

222. PHYSICAL CHEMISTRY. A continuation of Chemistry 220 including laboratory exercises demonstrating physical chemical techniques. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Chemistry 220.*

Winter Full Course (4)

224. PHYSICAL CHEMISTRY. A continuation of Chemistry 222, emphasizing laboratory methods. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Chemistry 222.*

Spring Full Course (4)

230. ANALYTICAL CHEMISTRY. Discussions of titrimetric, gravimetric, electro-analytical, optical, and other methods of separation and measurement. *Prerequisite: Chemistry 120 and Chemistry 220 and concurrent enrollment in Chemistry 231. (Chemistry 212 and Chemistry 222 recommended.)*

Winter Full Course (4)

231. LABORATORY IN ANALYTICAL CHEMISTRY. *Six hours of laboratory per week. Prerequisite: Concurrent enrollment in Chemistry 230.*

Winter One-Half Course (2)

240. INORGANIC CHEMISTRY. Structural inorganic chemistry; coordination compounds; mechanisms of inorganic reactions; inorganic synthetic methods. *Prerequisite: Chemistry 224.*

Fall Full Course (4)

250. BIOCHEMISTRY. The chemistry of biological systems, including carbohydrates, lipids, proteins, nucleic acids, enzymes, and vitamins; metabolic processes. *Prerequisite: Chemistry 212 or consent of the instructor. (Chemistry 230 recommended.)*

Spring Full Course (4)

251. LABORATORY IN BIOCHEMISTRY. A study of properties of chemical substances incorporated in biological systems, including isolation and analytical techniques. *Six hours of laboratory per week. Prerequisite: Chemistry 250 or concurrent enrollment in Chemistry 250.*

Spring One-Half Course (2)

260. RADIOCHEMICAL TECHNIQUES. A survey of the principles and methods of nuclear science as applied to the investigation of chemical problems. Topics include nuclear reactions, radiation detection and measurement, preparation of tracers and the techniques of handling and using radioactive materials. *Two hours of lecture and six hours of laboratory per week. Prerequisite: Chemistry 114 and Physics 114.*

Spring Full Course (4)

270. CHEMICAL OCEANOGRAPHY. A study of the composition and the chemical and physical properties of ocean waters. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Chemistry 114 or completion of the lower division Basic Studies science program.*

Spring Full Course (4)

274. GEOCHEMISTRY. An introduction to the principal methods for, and results of, the application of chemistry to the study of the earth. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Chemistry 114.*

Not offered in 1967-68 Full Course (4)

276. MINERALOGY AND CRYSTALLOGRAPHY. Properties and origins of common minerals; crystal chemistry of major mineral groups; introductory optical and structural crystallography. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Chemistry 114.*

Winter Full Course (4)

281. LABORATORY IN SELECTED TOPICS IN CHEMISTRY. Advanced laboratory work for small groups of science majors. *Six or twelve hours of laboratory per week. Prerequisite: Consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

294. COLLOQUIUM IN CHEMISTRY. A weekly discussion and reporting group concerned with new and advanced topics in chemistry. Involves journal reading. Open to students majoring in the sciences and mathematics.

Fall, Winter, Spring One-Fourth Course (1)*

295. SELECTED TOPICS IN CHEMISTRY. *Prerequisite: Consent of instructor.*

Fall One-Half Course (2)* or Full Course (4)*

297. DIRECTED RESEARCH. Advanced laboratory work, with each student undertaking an independent and original investigation. *Six or twelve hours of laboratory per week. Prerequisite: Senior standing and consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

* Repeatable Course

EARTH AND SPACE SCIENCES

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The program in this field is intended to meet the needs and interests of students whose departmental field is in one of the physical or biological sciences and who desire supplementary work in the areas represented by the earth and space sciences, and also of students whose departmental field is in one of the humanities or social sciences and who desire supplementary work in these scientific areas of great current interest and significance. In addition, a student may become qualified for graduate work in important areas of geology, oceanography, meteorology and astronomy by selecting this interdepartmental field along with a departmental field in chemistry, physics or geophysics.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN THE EARTH AND SPACE SCIENCES

Students electing an interdepartmental field of concentration in the Earth and Space Sciences must complete nine courses:

- A. Three courses (maximum) may be lower division courses: Physics 150 and/or courses prerequisite to those listed in C below. (Note that the same courses may not also satisfy Basic Studies requirements.)
- B. One course (maximum) may be directed research.
- C. Four courses (minimum) from the following list, including at least one from each of three of the departments; students whose departmental field of concentration lies in one of these departments must include courses from three other departments:
 - Biology 260. Biological Oceanography
 - Biology 264. Paleontology
 - Chemistry 270. Chemical Oceanography
 - Chemistry 274. Geochemistry
 - Chemistry 276. Mineralogy and Crystallography
 - Geography 205. Cartography: Map Projections
 - Geography 210. Principles of Geomorphology
 - Geography 215. Climatology
 - Physics 250. Space Physics
 - Physics 252. Geophysics
 - Physics 256. Astrophysics
- D. The senior seminar in Earth and Space Sciences.

COURSE OFFERING

Upper Division

290. SEMINAR IN THE EARTH AND SPACE SCIENCES. *Prerequisite: Senior standing or consent of the instructor.*

Not offered in 1967-68 Full Course (4)

THE FOUNDATIONS OF NATURAL SCIENCE

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The interdepartmental field in the Foundations of Natural Science is intended both for students whose departmental field is in the School of Natural Sciences and Mathematics and for students whose departmental field is in one of the other schools. The program includes in-depth course work in one or more areas of the natural sciences and consideration of science from the historical and philosophical viewpoints.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN THE FOUNDATIONS OF NATURAL SCIENCE

Students electing an interdepartmental field of concentration in the Foundations of Natural Science must complete nine courses:

- A. Three courses (maximum) may be lower division courses in the School of Natural Sciences and Mathematics which are prerequisite to upper division courses in B below. (Note that the same courses may not also satisfy Basic Studies requirements.)
- B. Three upper division courses (minimum) in the School of Natural Sciences and Mathematics. For a student whose departmental field is in the School of Natural Sciences and Mathematics, A and B will generally consist of desirable course work in a supporting science field and of work beyond the minimum requirements in the Basic Studies program and in his departmental field. For a student whose departmental field is in one of the other Schools, A and B combined will generally consist of an in-depth sequence in one of the regular science departments.
- C. Philosophy 230. The Nature of Scientific and Humanistic Inquiry
History 280. History of Science
- D. The senior seminar in this field.

COURSE OFFERING

Upper Division

290. SEMINAR IN THE FOUNDATION OF NATURAL SCIENCE. *Prerequisite: Senior standing in this interdepartmental field, or consent of instructor.*

Spring Full Course (4)

HEALTH AND PHYSICAL EDUCATION

COURSE OFFERINGS

100. BASIC STUDIES HEALTH. A discussion of the broad aspects of health, including public health, economics of health, environmental health, mental health, and drugs and narcotics. *Two hours of lecture per week.*¹

Fall, Winter, Spring One-Half Course (2)¹

101. BASIC STUDIES ACTIVITIES IN PHYSICAL EDUCATION. *Two hours of activity per week.*

Not offered in 1967-68 One-Eighth Course (½)*

¹ Three hours of lecture per week and three units of credit for 1966-67 and 1967-68 only.

* Repeatable Course

INFORMATION AND COMMUNICATION SYSTEMS

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The program in this field is intended to provide: A) a thorough grounding in the principles of data processing, of information storage and retrieval, and of automation in business, industry, and research; and B) a working familiarity with some of the modern tools used for these purposes.

Juniors may begin the program in 1968.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN INFORMATION AND COMMUNICATION SYSTEMS

Lower Division

Mathematics 160. Introduction to Data Processing.

Upper Division

- A. Two advanced courses in data processing covering:
 - Electronic data processing; the study of data management techniques and procedures.
 - Computational analysis; the study of mathematical analysis, utilizing computing equipment.
- B. Five courses selected from among the following groups of topics:
 - Statistics and probability; statistical inference; game theory; logical design.
 - Structure of language; machine indexing and abstracting; program and procedures documentation.
 - Mass culture and mass media; seminar in leadership training; seminar in cognitive psychology.
- C. The senior seminar in this field.

MATHEMATICS

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN MATHEMATICS

Lower Division

Mathematics 110-112-114-116. Differential and Integral Calculus I, II, III, IV
Physics 110-112-114. General Physics
Chemistry 110-112-114. General and Quantitative Chemistry
Biology 102. Basic Studies Biology *or*
Biology 110. Principles of Biology

Upper Division

Mathematics 212-214. Advanced Analysis
Mathematics 220-222. Functions of Complex Variables
Mathematics 230. Linear Algebra
Mathematics 232. Abstract Algebra
Two courses selected from:
Mathematics 224-226. Functions of a Real Variable
Mathematics 240-242. Topology
Mathematics 250. Probability and Statistics
Mathematics 295. Selected Topics in Mathematics
Mathematics 297. Directed Research

COURSE OFFERINGS IN MATHEMATICS

Lower Division

010. ALGEBRA AND TRIGONOMETRY. A course in algebra and trigonometry for students who do not meet the prerequisites for Mathematics 110 or Mathematics 150 or Mathematics 160.

Fall Full Course (4)

100. BASIC STUDIES MATHEMATICS. Topics in modern mathematics, including set theory and concepts from logic; the real number system and subsystems; the concept of function, sequence and limit; and elementary concepts of calculus.

Fall, Winter, Spring Full Course (4)

110. DIFFERENTIAL AND INTEGRAL CALCULUS I. The real numbers; analytic geometry; functions, derivatives and integrals; continuous functions; trigonometric and exponential functions. *Prerequisite: Mathematics 010, or two years of high school algebra and one semester of high school trigonometry.*

Fall, Winter Full Course (4)

112. DIFFERENTIAL AND INTEGRAL CALCULUS II. A continuation of Mathematics 110. Topics covered include techniques of integration, the definite integral in theory and application, and plane vector theory concepts. *Prerequisite: Mathematics 110.*

Winter, Spring Full Course (4)

114. DIFFERENTIAL AND INTEGRAL CALCULUS III. A continuation of Mathematics 112. Topics covered include infinite series; the differential and integral calculus of 3-dimensional space including partial differentiation, vector algebra, and vector calculus. *Prerequisite: Mathematics 112.*

Fall, Spring Full Course (4)

116. DIFFERENTIAL AND INTEGRAL CALCULUS IV. A continuation of Mathematics 114. Topics covered include multiple integration with applications; Fourier series; and differential equations. *Prerequisite: Mathematics 114.*

Fall Full Course (4)

150. ELEMENTARY STATISTICS AND PROBABILITY. A practical course on an elementary college level in statistics and probability. *Three hours of classroom and two hours of laboratory work per week. Prerequisite: Mathematics 010 or one year of high school algebra.*

Fall, Winter, Spring Full Course (4)

160. INTRODUCTION TO DATA PROCESSING. A practical course in the principles and the practices of modern methods of data processing, including some work with computing equipment of varying degrees of complexity. *Prerequisite: Mathematics 010 or two years of high school algebra.*

Fall, Spring Full Course (4)

Upper Division

212. ADVANCED ANALYSIS. Topics covered include advanced material on functions of several variables relating to partial derivatives, vector and differential geometry; the Stieltjes integral; line and surface integrals, and indeterminate forms. *Prerequisite: Mathematics 116.*

Winter Full Course (4)

214. ADVANCED ANALYSIS. A continuation of Mathematics 212. Topics covered include infinite series, improper integrals, Fourier series, and the LaPlace transform. *Prerequisite: Mathematics 212.*

Spring Full Course (4)

220. FUNCTIONS OF COMPLEX VARIABLES. Complex numbers; point sets, sequences, and mappings; analytic functions; elementary functions; and integration. *Prerequisite: Mathematics 214.*

Fall Full Course (4)

222. FUNCTIONS OF COMPLEX VARIABLES. A continuation of Mathematics 220. Integration (continued); power series; the calculus of residues; conformal representation; and applications. *Prerequisite: Mathematics 220.*

Winter Full Course (4)

224. FUNCTIONS OF A REAL VARIABLE. The real numbers and Dedekind cuts; set theory; metric spaces; Euclidean space; continuity of functions into a metric space. *Prerequisite: Mathematics 214.*

Fall Full Course (4)

226. FUNCTIONS OF A REAL VARIABLE. A continuation of Mathematics 224. *Prerequisite: Mathematics 224.*

Winter Full Course (4)

230. LINEAR ALGEBRA. Linear equations; vector spaces; matrices; linear transformations; polynomials; determinants; theory related to equivalence and similarity of matrices; canonical forms. *Prerequisite: Mathematics 114.*

Fall Full Course (4)

232. ABSTRACT ALGEBRA. Basic theory of groups, rings, integral domains, fields and related results. *Prerequisite: Mathematics 114.*

Winter Full Course (4)

240. TOPOLOGY. Basic concepts including the algebra of sets; topological spaces; connectedness, compactness, and continuity; separation and countability axioms. *Prerequisite: Mathematics 214.*

Winter Full Course (4)

242. TOPOLOGY. A continuation of Mathematics 240. *Prerequisite: Mathematics 240.*

Spring Full Course (4)

250. PROBABILITY AND STATISTICS. Random variables and distributions; conditional probabilities; Markov chains; stochastic processes. *Prerequisite: Mathematics 214.*

Spring Full Course (4)

294. COLLOQUIUM IN MATHEMATICS. A weekly reporting and discussion period for new and advanced topics in mathematics; involves journal reading. Open to students majoring in mathematics and the sciences.

Fall, Winter, Spring One-Fourth Course (1)*

295. SELECTED TOPICS IN MATHEMATICS. *Prerequisite: Consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

297. DIRECTED RESEARCH. Advanced work, with each student undertaking an independent and original investigation. *Prerequisite: Senior standing and consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

* Repeatable Course

PHYSICS

Students selecting a departmental field in physics should note: Juniors may begin this departmental field in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN PHYSICS

Lower Division

Mathematics 110-112-114-116. Differential and Integral Calculus I, II, III, IV
Physics 110-112-114-116. General Physics
Chemistry 110-112-114. General and Quantitative Chemistry
Biology 102. Basic Studies Biology *or*
Biology 110. Principles of Biology

Upper Division

Physics 210-212. Theoretical Mechanics
Physics 220-222. Modern Physics
Three other courses to be selected upon advisement from such areas as:
Electricity and magnetism
Physical optics
Thermodynamics
Statistical mechanics
Nuclear physics
Theoretical physics

COURSE OFFERINGS IN PHYSICS

Lower Division

102. BASIC STUDIES PHYSICS. Discussion of basic concepts of mechanics, electricity and magnetism, light, and topics in modern physics. *Three hours of lecture and one hour of group discussion per week. Prerequisite: Chemistry 100 and Mathematics 100.*

Fall, Winter, Spring Full Course (4)

110. GENERAL PHYSICS. Kinematics, particle dynamics, conservation theorems, angular momentum and gravitation. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Mathematics 112, Chemistry 112 (or consent of instructor).*

Fall Full Course (4)

112. GENERAL PHYSICS. Wave motion, heat and kinetic theory, geometrical and wave optics. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Physics 110.*

Winter Full Course (4)

114. GENERAL PHYSICS. Electrical phenomena. Coulomb's law, the electric field, Gauss' law, potential, the magnetic field, Ampere's law, Faraday's law. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Physics 110.*

Spring Full Course (4)

116. GENERAL PHYSICS. Limitations of classical mechanics, the quantum theory of the atom, the atomic nucleus. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Physics 112 and Physics 114.*

Fall Full Course (4)

150. PHYSICAL GEOLOGY. An introduction to the fundamental principles of physical geology. Consideration is given to rocks and minerals, structure and deformation of the earth's crust, and erosional processes. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Three lower division Basic Studies science courses, or Chemistry 114 and Mathematics 112.*

Winter Full Course (4)

Upper Division

200. BASIC STUDIES EARTH AND SPACE SCIENCES. Problems in and application of the basic concepts of the physical and biological sciences to the expansion of knowledge in geology, oceanography, meteorology and astronomy. *Prerequisite: Chemistry 102 and Physics 102.*

Fall Full Course (4)

210. THEORETICAL MECHANICS. Newtonian mechanics of one and two particles, harmonic oscillator, Kepler problem, special relativity. *Prerequisite: Physics 114 and Mathematics 114.*

Fall Full Course (4)

212. THEORETICAL MECHANICS. A continuation of Physics 210. Many particle systems, rigid body kinematics and dynamics, coupled oscillators, Lagrange's and Hamilton's equations of motion. *Prerequisite: Physics 210.*

Winter Full Course (4)

220. MODERN PHYSICS. Introductory discussion of quantum mechanics. Particle in a square well, the harmonic oscillator, the hydrogen atom. *Prerequisite: Physics 116, Physics 212, and Mathematics 114.*

Winter Full Course (4)

222. MODERN PHYSICS. A continuation of Physics 220. Solid state physics. *Prerequisite: Physics 220.*

Spring Full Course (4)

250. SPACE PHYSICS. A study of physical phenomena of interplanetary and interstellar space. Optical windows in the atmosphere; reflectivity of ultraviolet and infrared radiations by clouds; electron and proton concentration throughout free space; ionization and the Van Allen belts, and other information affecting interplanetary communication and travel. *Three hours of lecture and three hours of laboratory per week. Prerequisite: Physics 112 and Physics 114, or completion of the lower division Basic Studies science program.*

Fall Full Course (4)

252. GEOPHYSICS. An introduction to the principal methods for, and results of, the application of physics to the study of the earth. *Prerequisite: Physics 114, Mathematics 114, or equivalent.*

Spring Full Course (4)

256. ASTROPHYSICS. A quantitative study of solar and stellar astronomy with emphasis on methods of astronomical measurements and calculations. *Prerequisite: Physics 220.*

Not offered in 1967-68 Full Course (4)

281. LABORATORY ON SELECTED TOPICS IN PHYSICS. Advanced laboratory work for small groups of physics majors. *Six or twelve hours of laboratory per week. Prerequisite: Consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

294. COLLOQUIUM IN PHYSICS. A weekly discussion and reporting group concerned with new and advanced topics in physics; involves journal reading. Open to students majoring in the sciences and mathematics.

Not offered in 1967-68 One-Fourth Course (1)*

295. SELECTED TOPICS IN PHYSICS. *Prerequisite: Consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

297. DIRECTED RESEARCH. Advanced laboratory work, with each student undertaking an independent and original investigation. *Six or twelve hours of laboratory per week. Prerequisite: Senior standing and consent of instructor.*

Not offered in 1967-68 One-Half Course (2)* or Full Course (4)*

* Repeatable Course

THE SCHOOL OF SOCIAL AND BEHAVIORAL SCIENCES

The School of Social and Behavioral Sciences includes departments of anthropology, economics, geography, history, political science, psychology, and sociology. The School is responsible for courses in the Basic Studies program in social and behavioral sciences; for departmental fields in the disciplines named; for much of the course work in the interdepartmental fields of American Studies, Behavioral Sciences, Environmental Design and Urban Studies, International Relations, and American Business and Economic Systems; and for elective courses in the various departments.

Curriculums in the School are designed to explain the cultural landscape, human attitudes and human behavior through methods already well established, and through the use of newer analytical techniques frequently involving quantitative procedures.

Programs in the departmental fields combined with interdepartmental fields, chosen from any of the three Schools in the college, provide a wide degree of flexibility for attaining various educational, vocational, or professional goals. Appropriate combinations will enable students not only to complete their bachelor's degree with an emphasis on social and behavioral sciences, but also to prepare for graduate work and to obtain a background for additional study leading to careers in business, government service, law, and other professions.

AMERICAN BUSINESS AND ECONOMIC SYSTEMS

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

There are two emphases in this interdepartmental field: one, the function of business as it relates to changing governmental, social, and economic patterns; and two, the structure of American business, including the understanding of accounting and control systems, methods of production and marketing, and the constraints and assistance of governments, all of which are basic to an analysis of the American business and economic system.

Juniors may begin the program in 1968.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN AMERICAN BUSINESS AND ECONOMIC SYSTEMS

A. The following courses are required:

* Economics 110-111. Introductory Economics

Economics 255. Theory and Use of Business and Social Accounting

Distribution and the Economic Process

B. Three upper division courses from the School of Social and Behavioral Sciences, with at least two of these courses from departments other than economics.

(Examples of courses which would apply are:

A course in management and decision-making

Economics 215. American Economic History

Economics 230. Labor and the American Economy

Economics 275. Government and the American Economy

Economics 285. Economic Policy and Social Values

Geography 225. Economic Geography

History 246. Emergence of Modern America

History 248. United States: Recent Period

Political Science 254. American Political Thought

Sociology 211. Social and Community Organizations)

C. Two courses from the School of Humanities and Fine Arts or the School of Natural Sciences and Mathematics.

(Examples of courses which would apply are:

A course in philosophy

A course in American literature

A course in American Science and Technology

A course in data processing

Mathematics 150. Elementary Statistics and Probability)

D. The senior seminar in this field.

* Students who have used Economics 110-111 or their equivalent to satisfy Basic Studies or economics requirements will select two additional courses from B or C.

AMERICAN STUDIES

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The interdepartmental field in American Studies is designed to provide an understanding of the cultural patterns of American life through broad study involving several departments of the college.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN AMERICAN STUDIES

Upper Division

- A. History 252. History of American Thought
- B. Three courses, selected from at least two different departments in the School of Social and Behavioral Sciences (in addition to History 252).
(Examples of courses which would apply are:
Economics 215. American Economic History
Economics 275. Government and the American Economy
Geography 260. Geography of the United States and Canada
History 240. United States: Colonial Period
History 246. Emergence of Modern America
Political Science 210. Issues in American National Government
Political Science 254. American Political Thought
Psychology 240. Social Psychology
Sociology 210. Social Stratification and Class)
- C. Three courses, selected from at least two different departments in the School of Humanities and Fine Arts.
(Examples of courses which would apply are:
Art 250. American Art and American Society
English 240. Masterpieces in American Literature
Music 250. American Music)
- D. An approved elective in an area outside the School of the student's departmental field.
- E. The senior seminar in this field.

COURSE OFFERING

Upper Division

290. SEMINAR IN AMERICAN STUDIES. An integrative seminar serving as a capstone to the interdepartmental major in American studies. Intensive study of selected topics relating to the American culture and the preparation of research papers by members of the class. *Prerequisite: Senior standing and consent of instructor.*

Winter, Spring Full Course (4)

ANTHROPOLOGY

COURSE OFFERING

Upper Division

200. BASIC STUDIES ANTHROPOLOGY. Cultural institutions and processes, with emphasis on tools and methods used by anthropologists to study the functional and historical aspects of human behavior. *Three hours of lecture and one hour of group discussion per week.*

Not offered in 1967-68 Full Course (4)

BEHAVIORAL SCIENCES

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The interdepartmental field in Behavioral Sciences is designed to provide the student with a broad understanding of the psychological and sociological forces which shape human behavior and their impact on all facets of culture.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN BEHAVIORAL SCIENCES

Lower Division

Mathematics 150. Elementary Statistics and Probability

Upper Division

- A. Two courses from the School of Humanities and Fine Arts.
(Examples of courses which would apply are:
Art 250. American Art and American Society
English 240. Masterpieces in American Literature)
- B. One course from the School of Natural Sciences and Mathematics.
(A course such as Biology 240. Genetics could apply.)
- C. Five courses, selected from at least three departments in the School of Social and Behavioral Sciences.
(Examples of courses which would apply are:
Political Science 270. Public Opinion and Propaganda
Psychology 220. Developmental Psychology
✓ Psychology 240. Social Psychology
Psychology 260. Personality
Sociology 210. Social Stratification and Class
Sociology 215. Contemporary Social Problems
Sociology 250. Seminar in Small Groups)
- D. The senior seminar in this field.

COURSE OFFERING

Upper Division

290. SEMINAR IN BEHAVIORAL SCIENCES. An integrative course to study selected topics and present seminar papers for critical review. *Prerequisite: Senior standing and consent of instructor.*

Spring Full Course (4)

ECONOMICS

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN ECONOMICS

Lower Division

- Economics 110-111. Introductory Economics
Mathematics 150. Elementary Statistics and Probability

Upper Division

Eight courses in economics, as follows:

- A. Economics 285. Economic Policy and Social Values
- B. Economics 215. American Economic History *or*
Economics 216. Economic History of Europe
- C. Two courses selected from:
 - Economics 221. History of Economic Thought
 - Economics 240. International Economics
 - Economics 245. Economic Development and Underdevelopment
 - Economics 249. The Soviet Economy
- D. Three courses selected from:
 - Economics 210. Micro-Economic Theory
 - Economics 225. Monetary and Fiscal Theory and Policy
 - Economics 226. Major Issues in Public Finance
 - Economics 250. Quantitative Economic Analysis
 - Economics 255. Theory and Use of Business and Social Accounting
 - Economics 275. Government and the American Economy
- E. Any additional upper division course in economics.

COURSE OFFERINGS IN ECONOMICS

Lower Division

- 100. BASIC STUDIES ECONOMICS.** The nature of the economic problems faced by all societies, and the alternative ways in which these have been resolved. Historical development of the institutions and values of contemporary capitalism. Clarification of some prevalent economic myths.

Fall, Winter, Spring Full Course (4)

- 110. INTRODUCTORY ECONOMICS.** The concepts and analyses of economics essential for understanding the economic problems faced by all societies. Theory of the functioning and implicit values of the free enterprise system as a means of dividing goods and income among the members of society, and of determining the use of resources and the amounts of goods to be produced. *Prerequisite: Freshmen admitted only with permission of the instructor.*

Fall Full Course (4)

- 111. INTRODUCTORY ECONOMICS.** Study of the meaning of national income, balance of payments, the monetary system, and other concepts and analyses essential for understanding how the level of total output and employment are determined, how economic progress occurs, and how these may be affected by government policy. *Prerequisite: Freshmen admitted only with permission of the instructor. (Economics 110 recommended.)*

Winter Full Course (4)

150. FIELD STUDY IN ECONOMICS. A series of selected trips to business and industry, government, labor, and extractive industry locations. *One hour of classroom preparation per week, with field work by arrangement. Prerequisite: Economics 100 or Economics 110.*

Not offered in 1967-68 One-Half Course (2)*

Upper Division

210. MICRO-ECONOMIC THEORY. Intermediate level theory of the operation of the price system as a means of rationing goods, allocating resources, and distributing incomes, with emphasis on the social values implicitly emphasized or ignored by such a system. *Prerequisite: Economics 110, 111, and Mathematics 110.*

Not offered in 1967-68 Full Course (4)

215. AMERICAN ECONOMIC HISTORY. Economic forces in the development of the American society, from settlement to the present, with emphasis on the interaction of social, political, and economic phenomena. *Prerequisite: Economics 100 or 110.*

Fall Full Course (4)

216. ECONOMIC HISTORY OF EUROPE. Analysis of the processes of economic change in Europe from early times, with emphasis on the causes and social consequences of transformation into modern industrial societies. *Prerequisite: Economics 100 or 110.*

Winter Full Course (4)

221. HISTORY OF ECONOMIC THOUGHT. The ideas of major western economic thinkers from early times, and the changing attitudes on policy questions in western societies, in the context of general historical developments. *Prerequisite: Economics 110 and 111.*

Spring Full Course (4)

225. MONETARY AND FISCAL THEORY AND POLICY. Analysis of the impact of monetary phenomena on the economy, in theory and fact, with special consideration of the banking system, and of the federal government in its taxing and spending functions. *Prerequisite: Economics 110 and 111.*

Fall Full Course (4)

226. MAJOR ISSUES IN PUBLIC FINANCE. Study and evaluation of the changing fiscal roles of the federal, state, and local governments. Consideration of government taxation, expenditure, and debt management, in terms of their economic effects and their implications of social values. *Prerequisite: Economics 110 and 111.*

Winter Full Course (4)

230. LABOR AND THE AMERICAN ECONOMY. Historical and analytical study of the role of labor as a major productive agent, and as a component in the socio-political process. Consideration of the forces determining the general wage level or labor share, and wage differentials in different industries and activities—including market processes and collective bargaining. The significance of organized labor, in economic and non-economic aspects. *Prerequisite: Economics 110.*

Spring Full Course (4)

240. INTERNATIONAL ECONOMICS. Theory and operation of international economic relationships: specialization and trade, investment, monetary mechanisms, balance of payments, and the special problems of underdeveloped nations in the international economy. *Prerequisite: Economics 110 and 111.*

Winter Full Course (4)

* Repeatable Course.

245. ECONOMIC DEVELOPMENT AND UNDERDEVELOPMENT. Major factors in the development processes of currently advanced nations. Relevance of these factors to the prospect of both unplanned and planned development of backward areas. *Prerequisite: Economics 110 and 111.*

Spring Full Course (4)

249. THE SOVIET ECONOMY. The historical background and development of the Soviet system, and its current character and results. Oriented toward comparison with the principles, social control processes, achievements, and values of the American system. *Prerequisite: Economics 110.*

Fall Full Course (4)

250. QUANTITATIVE ECONOMIC ANALYSIS. Application of statistical and other quantitative techniques for testing economic hypotheses or making policy decisions. *Three hours of classroom and two hours of laboratory per week. Prerequisite: Economics 110 and 111, and Mathematics 110 and 150.*

Not offered in 1967-68 Full Course (4)

255. THEORY AND USE OF BUSINESS AND SOCIAL ACCOUNTING. The concepts and economic processes underlying business accounting systems, from the viewpoint of the firm and of the economy as a whole. Relationships of these accounts and concepts to national income and product accounts, and use of the latter in analysis and policy-making. *Three hours of classroom and two hours of laboratory per week. Prerequisite: Economics 110 and 111.*

Not offered in 1967-68 Full Course (4)

275. GOVERNMENT AND THE AMERICAN ECONOMY. Analysis of the bases and forms of government activity which especially affect the private enterprise system in the allocation of resources. Typical issues are the problem of monopoly and industrial concentration, the corporation and society, subsidies, organized labor, and free enterprise and consumer welfare. *Prerequisite: Economics 110.*

Spring Full Course (4)

280. THE ECONOMICS OF URBAN AREAS. Socio-economic factors underlying and following from the urbanization of modern societies. Current problems such as urban decay, air and water pollution, transportation constriction, education, racial concentrations, and city-state and city-federal relationships. *Prerequisite: Economics 110.*

Not offered in 1967-68 Full Course (4)

285. ECONOMIC POLICY AND SOCIAL VALUES. Consideration of the alternative social and personal values implied by different policy judgments on significant public issues, such as distribution and taxation of income, consumer sovereignty, freedom of enterprise, and social welfare programs. Representative writers include Galbraith, Goldwater, Marx, Rossiter, Milton Friedman, Veblen, Tawney, and the Economic Report of the President. *Prerequisite: Economics 110.*

Spring Full Course (4)

298. INDEPENDENT STUDY. Individual study of some topic or problem under the supervision of a member of the Economics Department. *Prerequisite: Economics 110 and 111, and consent of instructor.*

Fall, Winter, Spring Full Course (4)

EDUCATION

A Post Baccalaureate Professional Program

PROGRAM OF PREPARATION FOR TEACHING

The program in teacher preparation at California State College, Dominguez Hills, is based upon a three-quarter sequence of courses, including field assignments and directed teaching. Details regarding the program are presented in a brochure which will be available March 1, 1967, at the Office of the Director of Teacher Education Programs.

Students who enter the program as elementary or secondary credential candidates are expected to meet the requirements appropriate to the credential sought. The following are prerequisites:

1. Possession of the baccalaureate degree.
2. Completion of courses in Motivation and Learning and Developmental Psychology.
3. Application for admission to the teacher education program by April 15, 1967.
4. Acceptance by the Teacher Education Committee.

COURSE DESCRIPTIONS

320. PRINCIPLES AND METHODS OF TEACHING. The basic principles which underlie successful teaching, including planning for varying capabilities and interests, design of effective classroom organization, and study of interpersonal relationships. The course includes analysis of critical incidents, in printed and taped form, and classroom observation. Each student is required to spend one-half day per week in field classrooms as an observer and participant.

Fall One-Half Course (2)

330. THE TEACHING OF READING. Procedures and materials for teaching reading throughout the total program, including the use of recent media and methods. *Three hours of lecture-discussion and three hours of observation and participation per week.*

Fall Full Course (4)

340. MATERIALS AND TECHNIQUES FOR TEACHING IN THE SOCIAL STUDIES AND NATURAL SCIENCES. Study of curriculums and materials in elementary school social studies and natural sciences. *Three hours of lecture-discussion and three hours of observation and participation per week.*

Winter Full Course (4)

350. MATERIALS AND TECHNIQUES IN THE HUMANITIES AND FINE ARTS. The development of understandings and appreciation in music, art, literary masterpieces, and creative writing at the elementary school level. *One hour of lecture-discussion and three hours of observation and participation per week.*

Fall One-Half Course (2)

351. MATERIALS AND TECHNIQUES IN THE HUMANITIES AND FINE ARTS. A continuation of Education 350. *Three hours of lecture-discussion and three hours of observation and participation per week.*

Winter Full Course (4)

380. METHODS AND MATERIALS IN SECONDARY EDUCATION. Preparation for supervised teaching in both the departmental and interdepartmental fields of emphasis. *Four hours of lecture-discussion and six hours of observation and participation per week.*

Fall One and One-Half Courses (6)

390. SUPERVISED TEACHING IN THE SECONDARY SCHOOL. The student is required to complete a minimum of 120 hours of supervised teaching in a two quarter sequence. The supervised teaching will be arranged in conjunction with scheduled observations of outstanding teachers. All students are required to attend a weekly seminar with faculty supervisors and supervising teachers.

Winter Full Course (4)

391. SUPERVISED TEACHING IN THE SECONDARY SCHOOL. A continuation of Education 390.

Spring One-Half Course (2)

395. SUPERVISED TEACHING IN THE ELEMENTARY SCHOOL. The student is required to complete a minimum of 180 hours of supervised teaching in a two quarter sequence. The supervised teaching will be arranged in conjunction with scheduled observations of outstanding teachers. All students are required to attend a weekly seminar with faculty supervisors and supervising teachers.

Winter Two Full Courses (8)

396. SUPERVISED TEACHING IN THE ELEMENTARY SCHOOL. A continuation of Education 395.

Spring One-Half Course (2)

397. SEMINAR IN STUDENT TEACHING. Weekly meetings with faculty supervisors and supervising teachers. *Required for all elementary and secondary student teachers.*

Winter, Spring No credit

480. SEMINAR IN SUPERVISION OF TEACHING. A weekly seminar in preparation for supervision of candidates for teaching credentials. *Prerequisite: Invitation of Director of Teacher Education Programs only.*

Fall One-Half Course (2)

ENVIRONMENTAL DESIGN AND URBAN STUDIES

AN INTERDEPARTMENTAL FIELD OF CONCENTRATION

The relationship of the physical environment and cultural characteristics of areas to the design of governmental, economic, and social features of the landscape will be studied. Urban environments evidence great need for study, because they are most susceptible to change and are the scene of most economic, social and aesthetic activity. Therefore, the focus in this field is on cities and their suburban areas.

Juniors may begin the program in 1968.

REQUIREMENTS FOR THE INTERDEPARTMENTAL FIELD OF CONCENTRATION IN ENVIRONMENTAL DESIGN AND URBAN STUDIES

Lower Division

- A. Studio design
- B. Geography 115. Map and Aerial Photography Interpretation *or*
Geography 119. Graphics in the Social Sciences

Upper Division

- A. Three courses from the School of Social and Behavioral Sciences and the School of Natural Sciences and Mathematics.
(Examples of courses which would apply are:
A course in physical geology
Economics 226. Major Issues in Public Finance
Geography 206. Cartographic and Quantitative Analysis
History 228. Twentieth Century Europe
History 246. Emergence of Modern America
Sociology 211. Social and Community Organizations)
- B. Four courses from the School of Social and Behavioral Sciences and the School of Humanities and Fine Arts.
(Courses from the following areas could apply:
Economics 280: The Economics of Urban Areas
Architectural design
History of the city
Urban aesthetics
Urban geography
Urban government
Urban sociology)
- C. The senior seminar in this field.

GEOGRAPHY

Students selecting a departmental field in geography should note: Juniors may begin the program in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN GEOGRAPHY

Lower Division

- Geography 110. Elements of Geography
- Geography 150. Field Study in Geography
- Mathematics 150. Elementary Statistics and Probability

Upper Division

- One course in regional geography
- One course in research methods and design
- Two courses in physical geography or cartography
- Two courses in settlement, population or political geography
- Two courses in economic geography
- One elective in geography or advised related field

COURSE OFFERINGS IN GEOGRAPHY

Lower Division

- 100. BASIC STUDIES GEOGRAPHY.** The concept of geographic regions as they are defined by elements of location, both physical and cultural; selected regions used to illustrate the influence of these factors and to show the relationship of one element to the other. *Three hours of lecture and two hours of laboratory per week.*
Fall, Winter, Spring Full Course (4)
- 110. ELEMENTS OF GEOGRAPHY.** An introduction to geography as the science of location; the organization of geographical data to describe and interpret the landscape. *Three hours of lecture and two hours of laboratory per week.*
Fall, Spring Full Course (4)
- 115. MAP AND AERIAL PHOTOGRAPH INTERPRETATION.** An introduction to the grid systems on maps, map scale, and the interpretation of physical and cultural data on maps. *Four hours of laboratory per week.*
Winter One-Half Course (2)
- 119. GRAPHICS IN THE SOCIAL SCIENCES.** The theory and practice of presenting factual data in graphic form; construction of charts, graphs, symbols, and areal distribution maps used in business, economics, education, geography, government, planning, and sociology. *Four hours of laboratory per week.*
Spring One-Half Course (2)
- 150. FIELD STUDY IN GEOGRAPHY.** A series of conducted trips to selected areas for study of the inter-relation of natural environment and human activities. *One hour of classroom preparation per week, with field work by arrangement.*
Fall, Spring One-Half Course (2)*

* Repeatable Course

Upper Division

205. CARTOGRAPHY: MAP PROJECTIONS. The concept of developable surfaces; shape and dimensions of the geoid; terrestrial coordinates and the transfer of coordinate systems; the problems of linear, angular and areal equivalence and distortion in transfers; criteria and evaluation of map projections; history of cartography. *Two hours of classroom and four hours of laboratory work per week.*

Not offered in 1967-68 Full Course (4)

206. CARTOGRAPHIC AND QUANTITATIVE ANALYSIS. A comparison of statistical techniques and mapping techniques in the analysis of locational problems; includes the application of quantitative analysis in mapping. *Three hours of classroom and two hours of laboratory work per week. Prerequisite: Mathematics 150 and Geography 110.*

Not offered in 1967-68 Full Course (4)

210. PRINCIPLES OF GEOMORPHOLOGY. Analysis of factors responsible for landforms. Geographic patterns of the world's landforms and the relationship of these patterns to principles governing the processes of erosion, including climatic factors, and forces in the interior of the earth; landform conditions related to soil formation.

Fall Full Course (4)

215. CLIMATOLOGY. Geographic distribution of air masses, storms, and weather elements. Systems of climatic classification. *Three hours of lecture and two hours of laboratory per week.*

Winter Full Course (4)

220. GEOGRAPHY OF NATURAL RESOURCES. Spatial distribution of native vegetation, soils, minerals, water, and fish. Geographic problems of resource use.

Spring Full Course (4)

225. ECONOMIC GEOGRAPHY. Location, distribution, and flow of the world's major types of production and associated systems of distribution and consumption: an interpretation of man's economic activities in relation to cost of production including natural resources. *Three hours of lecture and one hour of group discussion per week. Prerequisite: Geography 110 or equivalent.*

Winter Full Course (4)

226. ECONOMIC GEOGRAPHY. A continuation of Geography 225. *Prerequisite: Geography 225 and Mathematics 150.*

Spring Full Course (4)

260. GEOGRAPHY OF THE UNITED STATES AND CANADA. An analysis of the distribution of natural resources, economic development, and population in the United States and Canada; selected economic, social, and political problems are analyzed in each region. *Three hours of lecture and one hour of group discussion per week.*

Fall, Spring Full Course (4)

HISTORY

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN HISTORY

Lower Division

History 110-111. History of Civilization

Upper Division

History 210. Seminar in Historical Study

Eight additional courses in history, of which:

No more than four may be in one area (i.e., Europe, United States, Asia, Latin America), and

At least two must be in an area other than the United States or Europe.

COURSE OFFERINGS IN HISTORY

Lower Division

100. BASIC STUDIES HISTORY. An introduction to historical understanding and interpretation, including analysis of the various forces and circumstances which produce historical developments and of the means by which historians evaluate causes and effects. This process is illustrated by a study of major themes in the history of the American people, and the interaction of forces contributing to an American culture. *Meets State requirement in U.S. history. Three hours of lecture and one hour of group discussion per week.*

Fall, Winter, Spring Full Course (4)

110. HISTORY OF CIVILIZATION. A study of the institutions and ideas of man from ancient times to the close of the fourteenth century. The context of the development of civilization is used to demonstrate the nature of historical inquiry and its role in reconstructing man's past.

Fall Full Course (4)

111. HISTORY OF CIVILIZATION. The development of civilization in modern times. Traces the growth and expansion of European institutions and the interaction of western civilization with non-European cultures in the nineteenth and twentieth centuries.

Winter Full Course (4)

Upper Division

210. SEMINAR IN HISTORICAL STUDY. An undergraduate seminar in historical method and bibliography, including a consideration of the problems of historical interpretation and philosophy as expressed by major historians.

Fall, Spring Full Course (4)

220. THE ANCIENT WORLD. 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.

Fall Full Course (4)

222. THE MEDIEVAL WORLD. The history of Europe from the decline of the Roman Empire through the Renaissance. Studies the development of medieval institutions, including feudalism and the Church, and traces the rise of the city and the growth of capitalism.

Winter Full Course (4)

224. EARLY MODERN EUROPE. The political, economic and intellectual foundations of modern Europe from the Renaissance to the Congress of Vienna. Includes the age of the Reformation, the development of nation states, and the era of the French Revolution.

Not offered in 1967-68 Full Course (4)

226. NINETEENTH CENTURY EUROPE. The development of Europe from the age of Metternich to the outbreak of World War I. Emphasis on such major themes as: reaction and revolution; the idea of progress, nationalism and imperialism; the background to world conflict.

Winter Full Course (4)

228. TWENTIETH CENTURY EUROPE. A study of the political, economic and intellectual effects of two world wars on European institutions. The rise of totalitarian movements, attempts at collective security, and the problems of the post-World War II period.

Spring Full Course (4)

230. ENGLAND TO 1688. The history of England from earliest times to 1688. A consideration of the political, intellectual, and economic aspects of Anglo-Saxon, Norman, medieval, Tudor, and Stuart England.

Not offered in 1967-68 Full Course (4)

232. ENGLAND FROM 1688. The history of England from 1688 to the present. A study of modern England, including such major themes as the Industrial Revolution, reaction and reform in the nineteenth century, imperialism, and Socialist Britain.

Not offered in 1967-68 Full Course (4)

234. THE BRITISH EMPIRE AND COMMONWEALTH. A survey of the post-Napoleonic developments in the British Empire, with emphasis on the separate cultures of dependent areas, dominion nationalism, and the theory of imperialism.

Spring Full Course (4)

240. UNITED STATES: COLONIAL PERIOD. The founding and expansion of the colonial settlements in North America to 1789. The adaptation of European institutions to a new environment, and the course of imperial conflict leading to independence and the formation of Union.

Fall Full Course (4)

242. UNITED STATES: EARLY NATIONAL PERIOD. 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.

Winter Full Course (4)

246. EMERGENCE OF MODERN AMERICA. 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.

Spring Full Course (4)

- 248. UNITED STATES: RECENT PERIOD.** Major developments in American life and institutions since World War I. Includes a consideration of the problems of prosperity and depression; the effects of two world wars; and new responsibilities in the nuclear age.
Fall Full Course (4)
- 250. DIPLOMATIC HISTORY OF THE UNITED STATES.** A study of the evolution of American foreign relations from the time of the Revolution to the present. Emphasis is given to major policies which have guided its formulation and execution, such as neutrality, isolation, the Monroe Doctrine, and the Open Door.
Winter Full Course (4)
- 252. HISTORY OF AMERICAN THOUGHT.** A study of the ideas which have shaped American intellectual life, as they have been expressed in economic and political thought, philosophy, theology, literature and science.
Fall, Spring Full Course (4)
- 260. LATIN AMERICA: COLONIAL PERIOD.** The conquest and settlement of colonial Latin America to the time of the wars of independence, with attention also to the ancient civilizations of the area.
Not offered in 1967-68 Full Course (4)
- 262. LATIN AMERICA: NATIONAL PERIOD.** The struggle for independence and social, political, and economic problems of the Latin American nations in recent times.
Not offered in 1967-68 Full Course (4)
- 270. ASIA TO 1600.** A survey of the traditional cultures of China, Japan, and India, including the political, economic, and intellectual developments from the earliest times.
Fall Full Course (4)
- 272. ASIA FROM 1600.** A survey of modern developments in China, Japan, and India with emphasis on cultural developments, the impact of the West, and the role of Asia in recent times.
Winter Full Course (4)
- 280. HISTORY OF SCIENCE.** The growth of science, both theoretical and applied, from the Renaissance to the present, and its influence on modern thought and life.
Not offered in 1967-68 Full Course (4)
- 286. AMERICAN SCIENCE AND TECHNOLOGY.** A critical assessment of the historical development and present role of science and technology in America, with particular attention to the interrelationships of science and technology with industry, government, education and culture.
Spring Full Course (4)
- 298. INDEPENDENT STUDY.** Independent study of a particular problem under the direction of a member of the History Department. *Prerequisite: Consent of instructor.*
Fall, Winter, Spring Full Course (4)
- 386. HISTORY AND PHILOSOPHY OF EDUCATION.** A study of the major educational ideas affecting educational practice during the history of western civilization, and an analysis of their influence on American education.
Fall Full Course (4)

POLITICAL SCIENCE

Students selecting a departmental field in political science should note: Juniors may begin the program in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN POLITICAL SCIENCE

Lower Division

Political Science 110. Introduction to Government
Mathematics 150. Elementary Statistics and Probability

Upper Division

Political Science 250. History of Political Ideas
Political Science 251. Modern Political Thought
Political Science 295. Seminar in Political Science

Six additional courses in political science, which must include at least one course in each of the following areas:

American government and politics
Comparative government
Constitutional law
International relations

COURSE OFFERINGS IN POLITICAL SCIENCE

Lower Division

100. BASIC STUDIES POLITICAL SCIENCE. 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. Three hours of lecture and one hour of group discussion per week.*

Fall, Winter, Spring Full Course (4)

110. INTRODUCTION TO GOVERNMENT. An introduction to the principles and practices of government as a fundamental social institution. Includes an examination of the political ideology and structure of selected foreign governments. *Three hours of lecture and one hour of group discussion per week.*

Fall, Spring Full Course (4)

150. FIELD STUDY IN POLITICAL SCIENCE. The direct analysis and evaluation of the political process through observation and conferences involving governmental agencies and bodies, public officials, and political parties. *One hour of lecture per week, with field work by arrangement.*

Winter, Spring One-Half Course (2)*

* Repeatable Course

Upper Division

210. ISSUES IN AMERICAN NATIONAL GOVERNMENT. A critical evaluation of leading questions currently at issue in American government at the national level. Issues might include those related to federalism, judicial review, the role of government in the economy, and the conduct of foreign affairs.

Fall Full Course (4)

214. AMERICAN POLITICAL PARTIES AND ELECTIONS. A study of the dynamics of American political behavior, including the legal regulation of parties and of elections. Voting behavior and public opinion will be analyzed. Political party organization, membership, and leadership will be studied in the context of the contemporary political scene.

Fall Full Course (4)

234. AMERICAN FOREIGN POLICY. 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.

Winter Full Course (4)

240. GOVERNMENT AND POLITICS OF WESTERN EUROPE. A comparative study of the governments of Great Britain, France, Western Germany, and Italy. The structure of parliamentary government, party systems, and political leadership will be studied. Some attention will also be given to the smaller states of Europe.

Spring Full Course (4)

250. HISTORY OF POLITICAL IDEAS. A critical analysis of the major political philosophers and schools of thought from Plato to the sixteenth century. Study will include examination of the political concepts of Plato, Aristotle, St. Augustine, St. Thomas Aquinas, and Machiavelli.

Fall Full Course (4)

251. MODERN POLITICAL THOUGHT. A study of principal political philosophers from the sixteenth century to the present, including Hobbes, Locke, Rousseau, Burke, and Hegel. The ideological systems of liberalism, conservatism, historical materialism, socialism and others are examined critically.

Winter Full Course (4)

254. AMERICAN POLITICAL THOUGHT. The origin and development of political ideas in the United States from the colonial period to the present. Evaluation of the thought of men who have shaped the American political tradition, and the interaction of economic, social, and geographic forces influencing political ideas.

Spring Full Course (4)

260. AMERICAN CONSTITUTIONAL LAW: DISTRIBUTION OF POWER. 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.

Winter Full Course (4)

261. AMERICAN CONSTITUTIONAL LAW: CIVIL RIGHTS. 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.

Not offered in 1967-68 Full Course (4)

270. PUBLIC OPINION AND PROPAGANDA. 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.

Not offered in 1967-68 Full Course (4)

295. SEMINAR IN POLITICAL SCIENCE. A critical examination of current developments and issues in the literature of political science. An introduction to research techniques and resources in the field. *Prerequisite: Senior standing and consent of instructor.*

Not offered in 1967-68 Full Course (4)

298. INDEPENDENT STUDY. Independent study of a particular problem under the direction of a member of the political science department. *Prerequisite: Consent of instructor.*

Fall, Winter, Spring Full Course (4)

PSYCHOLOGY

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN PSYCHOLOGY

Lower Division

- Psychology 100. Basic Studies Psychology
Mathematics 150. Elementary Statistics and Probability

Upper Division

- Psychology 210. Motivation and Learning
Psychology 211. Sensation and Perception
Psychology 217. Neuropsychology
Psychology 220. Developmental Psychology
Psychology 225. History and Systems of Psychology
Psychology 240. Social Psychology
Psychology 250. Measurement in Psychology
Psychology 295-296. Seminars in Psychology

COURSE OFFERINGS IN PSYCHOLOGY

Lower Division

- 100. BASIC STUDIES PSYCHOLOGY.** The dimensions, concepts, theories, and applications of psychology. The relationships between psychology and other disciplines. *Three hours of lecture and one hour of group discussion per week.*

Fall, Winter, Spring Full Course (4)

- 120. MAJOR TRENDS AND EXPERIMENTS IN PSYCHOLOGY.** An examination of the outstanding developments in psychology through study and discussions of selected writings from such leaders as Binet, Freud, Hall, Terman, James, Dewey, and others.

Winter Full Course (4)

Upper Division

- 210. MOTIVATION AND LEARNING.** A study of human and animal motivation, learning, and problem-solving. The development of communication will be examined. Field and laboratory studies. *Three hours of lecture and three hours of laboratory per week, with field observation by arrangement.*

Fall, Spring Full Course (4)

- 211. SENSATION AND PERCEPTION.** A critical examination of the physiological mechanisms of various sense modalities, and the aesthetic and social factors involved in perception and complex human and animal behavior. *Three hours of lecture and three hours of laboratory per week, with field observation by arrangement.*

Fall, Winter Full Course (4)

- 217. NEUROPSYCHOLOGY.** The study of the neurophysiological mechanisms of human and animal behavior. The anatomy and physiology and the central and peripheral nervous systems are reviewed and discussed relative to specific problems in psychology. *Two hours of lecture and six hours of laboratory per week.*

Fall, Winter Full Course (4)

220. DEVELOPMENTAL PSYCHOLOGY. The intellectual, psychological, and social development of the child from birth to young adulthood. *Three hours of lecture per week, with field work by arrangement.*

Fall, Spring Full Course (4)

225. HISTORY AND SYSTEMS OF PSYCHOLOGY. The study of the development of psychology as a discipline, and the influence of principal leaders on modern psychology.

Fall Full Course (4)

240. SOCIAL PSYCHOLOGY. The analysis of the psychological bases for social behavior, individual and group. Study of contemporary social issues. Jointly offered by the faculties in psychology and sociology.

Fall, Winter Full Course (4)

250. MEASUREMENT IN PSYCHOLOGY. Application of measurement techniques to problems in psychology and education. Discussion of reliability, validity, test construction and selection, item analysis, and correlation techniques. Laboratory experience in the administration, scoring, and interpretation of group measures of intelligence, aptitude, achievement, and personality. *Three hours of lecture and discussion and two hours of laboratory per week. Prerequisite: Mathematics 150 or consent of instructor.*

Fall, Spring Full Course (4)

251. BEHAVIORAL STATISTICS AND RESEARCH DESIGN. 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 discussion and four hours of laboratory per week. *Prerequisite: Mathematics 150. (Psychology 250 recommended.)*

Winter Full Course (4)

260. PERSONALITY. A study of basic theories of personality including type theories; trait theories; psychoanalytic, learning, biosocial, self, and holistic-integrative theories. The study of personality theory will assist students gain a richer understanding of themselves in relation to their fellow human beings.

Fall Full Course (4)

263. THE ABNORMAL PERSONALITY. The causes and manifestations of abnormal behavior. Field study and case study. *Three hours of lecture, with field work by arrangement.*

Winter Full Course (4)

264. INTRODUCTION TO CLINICAL PSYCHOLOGY. An overview of psychology in the clinical situation. The scope, ethics, theories, and methods of clinical psychology. *Field observations by arrangement. Prerequisite: Psychology 260 and Psychology 263.*

Spring Full Course (4)

265. COUNSELING THEORY. Basic theories and their uses in relation to personality problems. *Three hours of lecture with laboratory and field work by arrangement.*

Winter Full Course (4)

282. SEMINAR IN COGNITIVE PSYCHOLOGY. Discussion of the major phenomena and theories concerning the higher mental processes. Critical reading in the areas of intelligence, human communication, symbolic processes, thinking, problem solving, creativity, and human learning. Readings from such theorists as Bloom, Bruner, Guilford, Piaget and others. *Prerequisite: Psychology 210 or consent of instructor.*

Spring Full Course (4)

295. SEMINAR IN PSYCHOLOGY. A consideration of topics designed to integrate learning in psychology and to apply the learning. Initiation of senior research paper. *Prerequisite: Senior standing and consent of instructor.*

Winter Full Course (4)

296. SEMINAR IN PSYCHOLOGY. A continuation of Psychology 295. Refinement and completion of a paper based upon a library, field, or laboratory study of a topic selected in consultation with an adviser. The problem selected may be of either a departmental or interdepartmental nature, provided the focus of concern is psychological. The paper will be presented formally during the seminar. *Prerequisite: Psychology 295.*

Spring Full Course (4)

297. DIRECTED RESEARCH. The student develops and completes an individual study under faculty supervision.

Fall Full Course (4)

298. INDEPENDENT STUDY. A reading program of selected topics conducted under the supervision of a faculty member.

Fall, Winter, Spring Full Course (4)

SOCIOLOGY

Students selecting a departmental field in sociology should note: Juniors may begin the program in 1968.

REQUIREMENTS FOR THE DEPARTMENTAL FIELD OF CONCENTRATION IN SOCIOLOGY

Lower Division

- Mathematics 150. Elementary Statistics and Probability
- Sociology 110. Introduction to Sociology
- Sociology 150. Field Studies I

Upper Division

- Sociology 210. Social Stratification and Class
- Sociology 211. Social and Community Organizations
- Sociology 215. Contemporary Social Problems
- Psychology 240. Social Psychology
- Sociology 250. Seminar in Small Groups
- Sociology 251. Field Studies II
- Sociology 255. Seminar in Modern Sociological Theories
- Sociology 295-296. Seminars in Sociology

COURSE OFFERINGS IN SOCIOLOGY

Lower Division

110. INTRODUCTION TO SOCIOLOGY. A study of the group basis of human behavior, with emphasis on man as a social animal. The dynamics of human interaction, the structure and function of contemporary social institutions, and processes of social change.

Fall, Spring Full Course (4)

150. FIELD STUDIES I. Field study observation of selected populations, institutions, and agencies, under supervision, and after preparatory instruction, to acquaint students with the contributions of sociology and sociological knowledge to modern society. Emphasis is on development of critical skills for analyzing and understanding man's behavior from a sociological perspective. *Prerequisite: Sociology 110.*

Fall One-Half Course (2)

Upper Division

200. BASIC STUDIES SOCIOLOGY. Cultural institutions and processes, with emphasis on tools and methods used by sociologists to study man as a social being. The relationships between sociology and other disciplines. *Three hours of lecture and one hour of small-group discussion per week.*

Winter, Spring Full Course (4)

210. SOCIAL STRATIFICATION AND CLASS. Stratification in American society as compared to other cultures, with consideration of the effects of class and status on personality and behavior.

Fall, Spring Full Course (4)

- 211. SOCIAL AND COMMUNITY ORGANIZATIONS.** The range and varying roles of social institutions in current American society.
Fall Full Course (4)
- 215. CONTEMPORARY SOCIAL PROBLEMS.** The processes, effects, and possible causes of socially deviant behavior leading to personal and social disorganization. Study of prevention and law enforcement.
Fall, Spring Full Course (4)
- 250. SEMINAR IN SMALL GROUPS.** Consideration of group and individual behavior in varying situations with survey of experimental small group studies.
Spring Full Course (4)
- 251. FIELD STUDIES II.** Continuation of Field Studies I. Particular stress is on in-the-field research with one selected population, institution, or agency. Student is expected to complete a research project based upon field experiences. *Prerequisite: Sociology 150.*
Winter One-Half Course (2)
- 255. SEMINAR IN MODERN SOCIOLOGICAL THEORIES.** Analysis of the ideas of major European and American sociologists.
Winter Full Course (4)
- 260. SEMINAR IN MINORITY RACIAL AND ETHNIC RELATIONS.** Investigation of current American racial and ethnic problems in world-wide and historical perspective.
Winter Full Course (4)
- 295. SEMINAR IN SOCIOLOGY.** Social research design and methods applied to field problems. Individual study, to be planned with the departmental adviser. Preparation for the bachelor's paper. *Prerequisite: Senior standing and consent of instructor.*
Winter Full Course (4)
- 296. SEMINAR IN SOCIOLOGY.** A continuation of Sociology 295. Independent study and investigation, planned with the adviser. The problem may be of either a departmental, or interdepartmental nature, provided the focus of concern is sociological. The paper will be presented formally during the seminar. *Prerequisite: Sociology 295.*
Spring Full Course (4)
- 298. INDEPENDENT STUDY.** A reading program of selected topics conducted under the supervision of a faculty member.
Fall Full Course (4)



ADMISSION TO THE COLLEGE, ADVISEMENT, AND REGISTRATION

ADMISSION TO THE COLLEGE

Before applying for admission to the California State College, Dominguez Hills, students should study carefully the academic majors which will be available to them.

The periods for filing applications for admission for each of the three quarters are:

Fall Quarter:	February 15-July 1
Winter Quarter:	September 22-November 15
Spring Quarter:	December 5-February 10

Students who file applications on or before the last day of an application period, but after the enrollment quotas at this college are filled, will be notified of enrollment opportunities at other state colleges if they so desire.

Application forms will be provided upon request by mail or in person from:

Office of Admissions
California State College, Dominguez Hills
809 East Victoria
Dominguez Hills, California 90247

ADMISSION REQUIREMENTS

Requirements for admission to California State College, Dominguez Hills, are in accordance with Title 5, Chapter 5, Subchapter 2 of the *California Administrative Code* as amended by the Board of Trustees of the California State Colleges on January 21, 1965. A prospective applicant who is unsure of his status under these requirements is encouraged to consult with a school or college counselor or contact the Office of Admissions of the California State College, Dominguez Hills.

FRESHMAN ADMISSION REQUIREMENTS

An applicant who has had no college work will be considered for admission under one of the following provisions. Submission of the results of either the College Entrance Examination Board Scholastic Aptitude Test or the American College Test is required.

California High School Graduates and Residents

The applicant who is a graduate of a California high school or a legal resident for tuition purposes must have a grade-point average and total (SAT) or composite (ACT) score which provides an eligibility index placing him among the upper one-third of California high school graduates.

For 1967-68 the minimum eligibility index is 3072, using the Scholastic Aptitude Test, or 741, using the American College Test. It is computed either by multiplying grade-point average by 800 and adding it to the total SAT score or by multiplying grade-point average by 200 and adding it to 10 times the composite ACT score. In both cases, the combination may not include a grade-point average less than 2.0. The grade-point average is based upon the last three years of high school or the last three years of high school excluding the final semester, except for course work in physical education and military science.

The table presented below does not cover every case, but gives several examples of the test score needed with a given grade-point average to be eligible for admission.

Grade-Point Average	SAT/ACT Score Needed
3.21 and above	Eligible with any score
2.80	832/19
2.40	1152/27
2.00	1472/35
1.99 and below	Not eligible

Non-Residents Graduating From High Schools in Other States or Possessions

An applicant who is a non-resident for tuition purposes and who is a graduate of a high school in another state or a U.S. possession must have an eligibility index which would place him among the upper one-sixth of California high school graduates for 1967-68. For 1967-68 the minimum eligibility index is 3402, using the Scholastic Aptitude Test, or 826, using the American College Test. Refer to previous section for calculation of eligibility index.

Graduates of High Schools in a Foreign Country

An applicant who is a graduate of a foreign high school must have preparation equivalent to that required of eligible California high school graduates. The college will carefully review the previous record of all such applicants, and only those with promise of academic success equivalent to that of eligible California high school graduates will be admitted. Such applicants are not required to take either the SAT or ACT.

Non-High School Graduates

An applicant who is over 21 years of age, but has not graduated from high school, will be considered for admission only when his preparation in all other ways is such that the college believes his promise of academic success is equivalent to that of eligible California high school graduates.

Other Applicants

An applicant not admissible under one of the above provisions should enroll in a junior college or other appropriate institution. Only under the most unusual circumstances will such applicants be permitted to enroll in the college. Permission is granted only by special action.

Recommended Preparation

Overall excellence of performance in high school subjects and evidence of academic potential provide the basis for admission at California State College, Dominguez Hills. While no course pattern is required, the applicant to be properly prepared to undertake a full program of studies, and particularly to pursue the required program in Basic Studies, is strongly encouraged to include the following subjects as minimally adequate background for college work:

1. College preparatory English
2. Foreign language
3. College preparatory mathematics
4. College preparatory laboratory science
5. College preparatory history and/or social science
6. Study in speech, music, art, and other subjects contributing to general academic background

UNDERGRADUATE TRANSFER ADMISSION REQUIREMENTS

Applicants who have attempted college work must qualify under one of the following provisions for admission. Submission of the results of either the Scholastic Aptitude Test or American College Test is required.

Applicants With 60 or More Semester Units

An applicant who has completed 60 or more semester units or the equivalent will be eligible for admission if he has achieved a grade-point average of 2.0 (C) on all acceptable college work attempted and if he was in good standing at the last college attended.

Applicants With Fewer Than 60 Semester Units

To be eligible for admission, an applicant who has completed fewer than 60 semester units or the equivalent must have a grade-point average of 2.0 (C) on all college work attempted and be in good standing at the last college attended. In addition, he must meet the requirements currently in effect for first-time freshmen; *or*, if he has been in full-time continuous enrollment at a college since his graduation from high school, he must meet the requirements in effect for first-time freshmen at the time of his high school graduation.

Other Applicants

Only under the most unusual circumstances will an applicant not meeting either of the above provisions be considered for admission. Permission is granted only by special college action.

READMISSION

A student who withdraws from the college and desires to be readmitted must file an application for readmission. He should consult the calendar for deadline dates for filing the readmission application. A \$5 application fee for readmission is required but may be waived under certain conditions.

APPLICATION FOR ADMISSION

MAJOR STEPS

(Detailed information on each step follows)

1. Submit completed Application for Admission, showing social security number, with the \$5 non-refundable application fee.
2. Have the high school of graduation send directly to the college a transcript of record.
3. Have each college (if any) send directly to the college a transcript of record.
4. Submit the scores from either the College Entrance Examination Board Scholastic Aptitude Test or the American College Test.
5. Complete health forms and Statement of Residence.

APPLICATION FEE

Every applicant for admission or readmission is required to pay a non-refundable fee of \$5 each time an application is filed. Readmittance by bank draft or money order payable to the California State College, Dominguez Hills, should be attached to the application. No application may be processed until the fee has been received by the Office of Admissions.

The fee may be waived for readmission application if the student was regularly enrolled in one of the three quarters immediately preceding the quarter for which the application is submitted, unless the student was enrolled at another institution in a regular session subsequent to his last attendance at this college.

SOCIAL SECURITY ACCOUNT NUMBER

Each applicant for admission is required to have a social security account number. This account number will be used as his permanent student identification number while enrolled at the college. Each applicant will record his social security account number on the application for admission; it is essential that the number is recorded accurately. This number will be verified at the time of registration.

If the applicant does not already have a social security account number, he may obtain application forms from his nearest social security district office or his local post office. If his name has been changed, he should complete a change-of-name application form and a new social

security card will be issued showing the same account number with his new name. Duplicate cards may be obtained to replace lost cards.

TRANSCRIPTS

Responsibility for insuring that the transcripts reach the Office of Admissions rests with the applicant. The schools and colleges will send them only upon the request of the student. Transcripts presented by students are not acceptable. No transcripts will be returned to the student; all transcripts become the property of the college and will not be released nor will copies be made. Applicants who are admitted must have a separate set of transcripts for their own personal use in academic advising.

An applicant for admission with advanced standing must report all college work attempted, including extension and correspondence courses. An applicant disregarding this regulation may have his application for admission cancelled.

Applicants who are prospective first-time freshmen must follow the procedures indicated here:

1. A prospective first-time freshman must submit his application for admission *with transcripts* as early as possible in the application period for that quarter.
2. If he is currently enrolled in his last semester of high school, he must submit his application for admission with a *preliminary transcript* showing the complete record through the next-to-last semester before graduation and listing courses in progress during the final semester. At the end of the semester, the student must submit a final transcript showing the grades of the eighth semester and the granting of the high school diploma.
3. If he has graduated from high school, but has not attended any college-level institution since graduation, the prospective first-time freshman should file an application for admission *with transcripts* as early as possible in the application period for that quarter.

Applicants who are prospective transfer students must follow the procedures indicated here:

1. A prospective transfer student must submit his application *with transcripts* as early as possible in the application period for that quarter.
2. The prospective transfer student who is currently enrolled at a college-level institution must request that institution, as well as all other institutions he may have attended (including high school), to send a transcript showing course work completed and work-in-progress directly to the Office of Admissions. At the end of his current enrollment, he must request a complete transcript showing grades and completion of work-in-progress.

3. A prospective transfer student who is not currently enrolled in course work at a college-level institution must request that each of the institutions which he previously attended (including high school) forward transcripts directly to the Office of Admissions.

ENTRANCE EXAMINATIONS

All undergraduate students who apply for admission to the California State College, Dominguez Hills, for the first time are required to submit scores of either the College Entrance Examination Board Scholastic Aptitude Test or the American College Test. The test must be taken after the completion of the eleventh grade.

Arrangements to take the test may be made by writing to one of the following two addresses:

College Entrance Examination Board
Box 1026, Berkeley, California 94701

ACT Registration Unit
P.O. Box 414
Iowa City, Iowa 52240

Early admissions testing is necessary for the processing of an application for admission for any academic quarter. Examination appointments for prospective freshmen must be scheduled early in the seventh semester of the high school experience.

Each student must request that his test results be transmitted to the Office of Admissions of the California State College, Dominguez Hills.

Additional testing will be required of each student when he arrives on campus.

NOTIFICATION OF ELIGIBILITY

So that students may be informed as early as possible about eligibility, they are urged to apply early in the application period and to 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 to the applicant of his eligibility will vary.

Early notification will be provided those freshman applicants who can establish their eligibility prior to high school graduation. Other freshmen applicants should not expect notification until at least four weeks after final transcripts and test scores reach the Office of Admissions.

Transfer students applying for admission in advanced standing may expect notification about four weeks after final transcripts have been received. The receipt of preliminary transcripts may shorten this interval. Applicants should arrange for submitting of preliminary transcripts showing work-in-progress.

HEALTH EXAMINATION

A statement of the student's physical fitness by a licensed physician is required for matriculation. Physical examination forms and further instructions will be sent to the student after his eligibility has been established.

STATEMENT OF RESIDENCE

A Statement of Residence form indicating status of California residence must be completed prior to registration by each student enrolling at the college. Students in continuous residence are not required to complete a Statement of Residence form after the initial filing. Any interruption in attendance requires a new Statement of Residence upon re-entrance. Students are held responsible for reporting any change in residence status or change of name to the Registrar.

The determination of residence status is governed by Sections 243 and 244 of the Government Code and Sections 23755, 23756, and 23758 of the Education Code. For enrollment purposes a "resident student" means any person who has been a bona fide resident of the state for more than one year immediately preceding the opening day of the quarter. Normally, the residence of an unmarried minor is that of his parents.

Exceptions to the rules of residency determination, or waivers of non-resident tuition, apply under certain conditions for exchange students, a child or spouse of an academic or administrative employee of the California State Colleges, full-time teachers in public schools who hold a provisional credential or who are pursuing the required fifth-year of college under the new credential regulations, and any person whose parent is on active military service in the State of California.

ADMISSION TO TEACHER EDUCATION PROGRAMS

Students who wish to work toward a teaching credential at the California State College, Dominguez Hills, must be admitted not only to the college but also to the Teacher Education Programs.

To apply for admission to the college, students must:

1. Submit a completed Application for Admission, showing social security number, with the \$5 non-refundable application fee.
2. Have each college attended send directly to the California State College, Dominguez Hills, two copies of the transcript of record. All graduate students are urged to have a personal set of transcripts for advising purposes.
3. Complete health forms and Statement of Residence.

The deadline date to apply for admission to the Teacher Education Programs is April 15, 1967. Specific information on Teacher Education Programs may be obtained from the Office of the Director.

ACADEMIC ADVISEMENT AND REGISTRATION

ACADEMIC ADVISEMENT

At the California State College, Dominguez Hills, the student himself will be responsible for planning his program of studies in accordance with the requirements set forth in the college catalog for the year he enters the college. A student may, however, seek the assistance of an academic adviser whenever desired. On only two occasions is the student required to consult with an academic adviser and to obtain his signature: In preparing his study list during his first registration at the California State College, Dominguez Hills, and in preparing the Contract Program of Studies.

The time schedule of academic advisement will be posted on the official bulletin board and will be published in the student newspaper. Each quarter the Student Affairs division of the college will provide students with information needed for selection of courses and will be generally responsible for coordinating academic advisement.

New Students

Academic advisement is part of the registration process for all new students. New students entering as freshmen or sophomores will be notified when to report for assignment to their academic advisers. Students with stated academic interests will be assigned advisers within their specified field; students who are undecided will be assigned special advisers.

New students entering as juniors or seniors will be required to indicate both a departmental and an interdepartmental major field of concentration and will be assigned appropriate departmental major advisers prior to the registration period.

Contract Program of Studies

The student is required to declare his major fields of concentration, departmental and interdepartmental, either in his sophomore year or at the beginning of his junior year, by filing an approved program of studies for the bachelor's degree in the Registrar's Office. An approved program of studies is a contractual document between the college and the student, known as the *Contract Program of Studies*. The Contract Program of Studies is developed with an official academic adviser in the departmental field of the student's major and must be signed by both the student and the adviser.

It is recommended that the Contract Program of Studies be filed:

1. For entering, first-time freshmen: during the quarter in which 60 quarter units will be completed;
2. For lower division transfers: during the quarter in which 60 quarter units will be completed;
3. For junior transfers: during the first quarter of attendance at the college.

Course Prerequisites

Course prerequisites cited with each course description in this catalog are intended to advise the student of any previous work needed for the course. Students not meeting the stated prerequisites should determine their eligibility for such courses in consultation with their academic advisers and the appropriate instructor.

Class Level of Students

Students are assigned class level according to the following plan:

Lower Division

Freshmen.....	0-11 full courses (0-44 quarter units)
Sophomores.....	11¼ to 22¼ full courses (45-89 quarter units)

Upper Division

Juniors.....	22½ to 33½ full courses (90-134 quarter units)
Seniors.....	33¾ or more full courses (135 or more quarter units)

At the California State College, Dominguez Hills, the amount of a student's work is designated in terms of courses. The full course is equivalent to four quarter units; the one-half course is equivalent to two quarter units; the one-fourth course, to one quarter unit; and the one-eighth course, to one-half quarter unit.

Study List Limits

For undergraduate students in good academic standing, the normal program load is the equivalent of four full courses. To this may be added activity courses having a value of one-half course or less.

REGISTRATION

Each student registers in the California State College, Dominguez Hills, at times scheduled for this purpose at the beginning of each quarter. Registration covers filling out official cards, paying fees, receiving a student identification card, and enrolling in courses.

Registration by mail is available to certain groups of students; others register in person.

The student should consult the calendar and the registration instructions provided for the quarter he plans to attend.

Concurrent Enrollment

Concurrent enrollment in resident courses, in extension courses, or in another institution is permitted only when the entire program has received the approval, first, of the departmental major adviser and, second, of the Registrar. This approval must be obtained before any course work is started.

Change-of-Program After Registration

A change-of-program after registration is any change that is made in a student's official study list. Such a change includes: dropping a class, adding a class, changing the number of units for a class in which the student is registered, changing the section of the same course.

A change-of-program may be made before the deadline date listed for each quarter in the official college calendar. Forms may be obtained from the Registrar. A fee of \$1 is charged for each change-of-program made after registration. No change is effective until the change-of-program form has been approved by the Dean of the School and filed with the Registrar. If a student officially drops a class by the end of the fourth week of instruction, the course will not be recorded on the student's permanent record. If a class is dropped after the end of the fourth week of instruction, the grade of F shall be assigned. A student who must drop a course after the fourth week of instruction for reasons beyond his control and who can justify extenuating circumstances may file a petition requesting further consideration of his case.

Repeated Course

There are two conditions under which a course may be repeated:

1. A course for which a grade of D or F has been assigned may be repeated, but credit for the course is not given again. A repeated course is counted as *units attempted* and is credited with grade points earned, the effect being to average the grades.
2. All courses designated with an asterisk following the unit value may be repeated for credit; for example,

One-Fourth Course (1) *

The number of credits which may be counted toward the major or the degree will be determined by the academic adviser.

Course Numbering System

The course numbering system for the college is based on a three digit number followed by a decimal point, as follows:

- 000.-099. Sub-collegiate courses. Credit is granted for such courses only if equivalent work has not been taken in high school.
- 100.-199. Lower division courses
- 200.-299. Upper division courses
- 300.-399. Graduate professional courses
- 400.-499. Graduate courses

In cases where a course may be repeated for credit, succeeding enrollments will be shown following the decimal point. For example:

Health and Physical Education 101.1 = First time taken

Health and Physical Education 101.2 = Second time taken

SCHEDULE OF REGISTRATION FEES

Tuition is not charged to legal residents of California. All students pay the regular fees shown below. Auditors pay the same fees as students registering for credit. All fees are subject to change by the Trustees of the California State Colleges.

Fees for each quarter are payable at the time of registration. No individual will be admitted to class prior to payment of registration fees.

Application for Admission to the College

Application Fee	\$5.00
-----------------------	--------

Fees Required at Registration

Materials and Service Fee	
Students enrolling for 6 or less units	15.00
Students enrolling for more than 6 units	30.00

Student Activity Fee	
Students enrolling for 6 or less units	3.50
Students enrolling for more than 6 units	
Fall Quarter	10.00
Winter and Spring Quarters	5.00

Non-resident Tuition Fee (In addition to the other Registration fees.)

U. S. Citizens	
Per unit or fraction thereof	13.50*
Maximum charge—15 units or more	200.00*

Foreign-Visa Students (Students who are citizens and residents of a foreign country.)

Per unit or fraction thereof	5.75
Maximum charge—15 units or more	85.00

Other Fees

Late Registration (Payable the day instruction begins)	5.00
Change of program after final filing date	1.00
Failure to meet administratively required time limit or appointment	2.00
Check returned for any cause	2.00
Items lost or broken	Cost
Transcript of Record (no charge for first copy)	1.00
Library fines—A charge is made for the late return of material borrowed from the library.	
Lost books and other library items	Cost + 1.00

Refund of Fees

A portion of some fees is refundable if the student withdraws from college or changes his status from full-time to part-time student within specified time limits. A part-time student is one who enrolls for six or

* Non-resident tuition fee subject to increase by an amount not yet determined, effective July 1, 1967.

fewer units of instruction. The time limits for applying for refunds are as follows:

Materials and Service fee: Application for refund must be filed within 14 days following the first day of instruction.

Non-resident Tuition fee: Up to end of fourth week of the quarter.

Consult the College Business Office for amounts refundable. Refunds are not automatic. Petitions for refund may be obtained from the Registrar and must be filed within the time limits specified. Penalty fees are not refundable unless collected in error.

COLLEGE REQUIREMENTS FOR THE BACHELOR'S DEGREE

The undergraduate program of study at the California State College, Dominguez Hills, is designed to lead to the bachelor of arts degree and normally extends over four years, or 12 full quarters, of academic work. The following requirements must be fulfilled by all students in order to qualify for the conferment of the bachelor's degree by the college.

COURSES

A minimum of 46 full courses plus physical education (186 quarter units) is required.

A minimum of nine full courses (36 quarter units) must be taken in residence, at least half of which must be completed among the last seven and one-half courses (30 quarter units) counted toward the degree. Credit received in summer sessions may be counted as resident credit; however, extension credit or credit by examination may *not* be used to fulfill the minimum residence requirement.

SCHOLARSHIP

Each student shall complete with a grade average of C or better all units attempted in undergraduate work as well as all units attempted in his major.

GENERAL EDUCATION REQUIREMENTS

The State *Code* requires that all graduates of a state college complete a general education program consisting of 45 semester units. The Basic Studies program at the California State College, Dominguez Hills, has been designed to fulfill not only the general education requirements of the state but also the educational goals of this college. The Basic Studies program consists of 18 full courses plus 3 quarter units in health and physical education.

All freshmen and undergraduate transfer students who are admitted with less than 45 semester units that may apply to a degree granted by the California State College, Dominguez Hills, shall complete the college's Basic Studies program. Undergraduate transfer students who are admitted with 45 or more semester units (68 or more quarter units) that may apply to a degree granted by this college shall complete the general

education requirements set forth in the *California Administrative Code*, Title V. These requirements may be briefly summarized as:

- 9 semester units in the social sciences, with courses selected from two or more fields;
- 9 semester units in the natural sciences, with at least one course from a physical science and one from a life science;
- 6 semester units in literature, philosophy or the arts, with no more than 3 of the 6 units in fine or practical arts;
- 2 semester units of health and physical education;
- 3 semester units in oral and written expression;
- 2 semester units of psychology;
- 14 additional semester units in general education.

AMERICAN INSTITUTIONS

Each student to qualify for graduation 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.

Students who successfully complete the Basic Studies program prescribed by the California State College, Dominguez Hills, shall have fulfilled these requirements. Students transferring from other accredited institutions of collegiate grade who have already met these requirements shall not be required to take further courses or examination therein. Students transferring from other colleges who have not already met these requirements must satisfy them either by completing the appropriate courses at this college or by passing a comprehensive examination on these fields.

ENGLISH PROFICIENCY TEST

In order to qualify for the bachelor's degree, all upper-division students shall be required to demonstrate by examination that they possess minimal ability in analytical reading and in written exposition. This examination shall be taken at the opening of the student's first quarter of the junior year, or, for transfer students who are advanced juniors or seniors, in their first quarter of residence. Reading ability will be tested by an objective examination of reading comprehension. Writing ability will be tested by an impromptu composition to be written on topics chosen by the Proficiency Test Committee, which will judge the papers on the basis of thought content, clarity, organization, mechanics, and usage. The time and place of this examination will be published in the college newspaper and posted on official bulletin boards.

UPPER DIVISION

Course Requirements

Graduation with a bachelor of arts degree requires a minimum of 15 full courses (60 quarter units) of upper division work.

A course which is used to satisfy a major requirement may not also be used to satisfy a Basic Studies requirement; nor may a course be used to meet major requirements in more than one field.

Major Requirements

A candidate for graduation must present a major as part of the state and college requirements. A major at the California State College, Dominguez Hills, must consist of two fields of concentration—a departmental field and an interdepartmental field.

Departmental Field of Concentration

A minimum of nine full courses is required in a departmental field, of which seven full courses must be in upper division work. Specific course requirements for each departmental field are listed in this catalog under each School heading.

Interdepartmental Field of Concentration

A minimum of nine full courses is also required in an interdepartmental field, of which six full courses must be upper division work. Specific course requirements for each interdepartmental field are listed in this catalog under each School heading.

APPLICATION FOR GRADUATION

The student must file the application for graduation with the Registrar not later than the end of the second week during the next-to-the-last quarter before graduation.

GENERAL REGULATIONS

STUDENT RESPONSIBILITY

Each student is responsible for compliance with the regulations printed in this catalog and with official notices posted on official bulletin boards.

SCHOLASTIC POLICIES

Grades and Grade Points

Student performance in each course is reported at the end of each quarter by one of the following grades (with the grade points earned):

<i>Grade</i>	<i>Grade Points</i>	<i>Grade</i>	<i>Grade Points</i>
A Excellent	4	D Barely Passing	1
B Good	3	F Failure	0
C Fair	2	I Incomplete	0
Cr Credit	-	(Not counted in grade average, but units allowed)	
W Withdrawal Passing	-	(Not counted in grade average)	
WF Withdrawal Failing	0	(0 grade points for units attempted)	

In order to qualify for an undergraduate degree, the student must have an overall grade-point-average of 2.0 (C).

Incomplete Grade

An incomplete grade is counted as units attempted with no grade points and remains on the student record unless made up. A period of one calendar year is allowed for the removal of an incomplete grade. The student must arrange with his instructor for removal of the course deficiencies, upon completion of which a final grade will be assigned. An incomplete grade cannot be removed by repeating the course.

Scholastic Probation

A student shall be placed upon academic probation if either his cumulative grade average for college work attempted or his grade average for college work attempted at the California State College, Dominguez Hills, falls below C.

A student shall be removed from the probation list and restored to good academic standing when he earns a cumulative grade average of C in all college work attempted and in all work attempted at the California State College, Dominguez Hills.

Scholastic Disqualification

A student on probation shall be disqualified:

- a. as a lower division student (less than 90 quarter units of college work completed) if he falls 23 or more grade points below a C average in all units attempted or in all units attempted at the California State College, Dominguez Hills;
- b. as a junior (90-134 quarter units of college work completed) if he falls 14 or more grade points below a C average in all units attempted or in all units attempted at the California State College, Dominguez Hills;
- c. as a senior (135 or more quarter units of college work completed) if he falls nine or more grade points below a C average in all units attempted or in all units attempted at the California State College, Dominguez Hills.

Any student not on probation who falls below a D average for work attempted in any one quarter shall be subject to scholastic disqualification.

A student disqualified for scholarship deficiency may not enroll in the college until he has been reinstated by the appropriate college authority. Petitions for reinstatement may be obtained from the Office of Admissions. Petitions for reinstatement will not be accepted from disqualified students for a minimum period of two quarters after the date of disqualification.

Official Withdrawal

Students who wish to withdraw from the college are urged to consult the Dean of Students prior to official withdrawal. Official withdrawal is necessary if a student leaves the college at any time after registration and does not intend to complete the quarter. The forms for initiating this process may be obtained from the Registrar.

When official withdrawal from the college occurs before the quarterly deadline for dropping classes (the fourth week of instruction), there is no academic penalty. However, if official withdrawal occurs after the fourth week of instruction, grades of WF will be automatically assigned. A petition may be filed with the Dean of Students to explain the circumstances causing withdrawal; and if the circumstances appear justified, the penalty grades (WF) will be changed to WP grades (Withdrawal Passing) in those courses in which passing work was being done. A student who does not officially withdraw from the college shall automatically receive failing grades for all courses on his official study list.

Advanced Placement

Some high schools give students the opportunity to take one or more courses which cover college material. In May of each year the College Entrance Examination Board provides examinations for these courses.

Students who have participated in such a program should have their examination results sent to the Office of the Dean of Admissions. Credit for a particular subject on the basis of a high score on the Advanced Placement examination may then be granted by the Dean of the appropriate School. Notification of course credit will be sent to the student by the Dean of Admissions.

Credit by Examination

If a student in residence and in good standing has had special preparation in a given subject because of unusual opportunities and feels that he has covered the content of a course, he may contact the Office of the Dean of the appropriate School about credit by examination. If an examination is given, it will be comprehensive, and the grade earned will become part of the student's permanent record. Courses by examination will not count toward residence requirements of the college.

Honors-at-Entrance

A small number of students will be given Honors-at-Entrance on the basis of unusual promise and scholarship in high school. Letters signifying Honors-at-Entrance will be sent to these students by the President of the college.

Dean's Scholar

Students who have maintained an outstanding record of scholarship during the academic year will be designated as Dean's Scholars. Appropriate recognition will be given to these students by the deans of the respective Schools.

TRANSCRIPTS OF RECORD

A student may obtain an official transcript of his record by making formal application to the Registrar. A fee of \$1 is charged for each transcript after the first request.

SELECTIVE SERVICE

Selective Service information is available at the Office of Admissions. Students subject to Selective Service should keep their local boards informed of all situations which might affect their draft classifications.

Verification of admission and of enrollment in full-time programs will be submitted to the Selective Service Boards by the Office of Admissions. Any change of status during the quarter, such as dropping courses or withdrawal, will be reported to the Local Board by the Office of Admissions. Also, an annual report of the academic standing of male students will be provided the Local Board.

An undergraduate student must be enrolled in sufficient units per quarter to complete requirements for the degree in the normal time of 12 quarters.



FACULTY AND ADMINISTRATION
OF THE COLLEGE

FACULTY AND ADMINISTRATION OF THE COLLEGE

- LEO F. CAIN (1962).....President; Professor of Psychology
A.B., 1931, Chico State College; M.A., 1935, Ph.D., 1939, Stanford University.
- JACK ADAMS (1966).....Associate Professor of Psychology
B.A., 1950, University of California, Berkeley; M.A., 1956, University of Hawaii;
Ph.D., 1963, Claremont Graduate School.
- ROBERT M. BERSI (1966).....Assistant to the President;
Assistant Professor of English-Speech
A.B., 1958, University of the Pacific; M.A., 1963, Ph.D., 1966, Stanford University.
- MARSHALL H. BIALOSKY (1964).....Professor of Fine Arts
B.Mus., 1949, Syracuse University; M.Mus., 1950, Northwestern University; ad-
vanced study in Florence, Italy.
- WALLACE H. BOWER, JR. (1966).....Assistant Professor of Music
B.A., 1951, Ohio Wesleyan University; M.A., 1963, University of California at
Los Angeles.
- STEPHEN W. BROWN (1966).....Assistant Professor of Psychology
B.A., 1962, Los Angeles State College; Ph.D., 1966, University of Southern Cali-
fornia.
- PHILIP W. BUCK (1966).....Professor of Political Science
B.A., 1923, University of Idaho; B.A., 1926, Oxford University; Ph.D., 1933,
University of California, Berkeley.
- THOMAS S. BULLOCK (1963).....Building Program Coordinator;
Lecturer in Geography
B.A., 1957, graduate study, 1960-63, San Francisco State College.
- HAROLD CHARNOFSKY (1966).....Assistant Professor of Sociology
B.S., 1953, M.S., 1958, University of Southern California.
- LOIS WONG CHI (1966).....Associate Professor of Biological Science
B.S., 1945, Wheaton College; M.S., 1948, Ph.D., 1953, University of Southern
California.
- ULRICH DE LA CAMP (1966).....Assistant Professor of Chemistry
B.S., 1959, University of California, Berkeley; Ph.D., 1966, University of Cali-
fornia, Davis.
- CAROLINE R. DUNCAN (1966).....Assistant Professor of English
B.F.A., 1946, M.A., 1959, University of Georgia.
- PETER D. ELLIS (1962).....Associate Dean, Admissions, Records
and Relations with Schools; Associate Professor of Education
A.B., 1948, Ed.D., 1961, University of California, Los Angeles.
- CHARLES FAY (1966).....Associate Professor of Philosophy
B.S., 1948, M.A., 1950, Ph.D., 1956, St. Louis University.
- ROBERT B. FISCHER (1963).....Dean, School of Natural Sciences
and Mathematics; Professor of Chemistry
B.S., 1942, Wheaton College; Ph.D., 1946, University of Illinois.
- JOHN K. FOOTE (1966).....Assistant Professor of Chemistry
B.S., 1944, University of California, Berkeley; M.A., 1962, University of Cali-
fornia, Santa Barbara; Ph.D., 1966, University of California, Riverside.

- BELA GALLO (1966)..... Librarian, Head of Technical Processing
Diploma, 1956, Eotvos Lorand University; 1961, graduate study, Indian School of
International Studies; M.L.S., 1964, Rutgers, The State University.
- JOHN K. GARDNER (1965)..... Assistant Professor of Mathematics
B.S., 1953, M.S., 1958, University of Arizona; Ph.D., 1964, California Institute of
Technology.
- LYLE E. GIBSON (1962)..... Dean, Academic Affairs; Professor of Geography
B.E., 1935, Wisconsin State University; Ph.M., 1943, University of Wisconsin;
Ph.D., 1947, State University of Iowa.
- SALLY A. GOGIN (1966)..... Librarian, Acquisitions
B.A., 1958, Pembroke College, Brown University; M.L.S., 1962, University of
California, Los Angeles.
- NORMAN J. GOLDEN (1966)..... Lecturer in Physics
B.S., 1944, Harvard College; M.A., 1950, Washington University; Graduate Study,
University of California, Los Angeles.
- AMOR GOSFIELD (1966)..... Professor of Economics
B.A., 1929, University of Pennsylvania College of Arts and Sciences; Ph.D., 1964,
University of Pennsylvania.
- JUDSON A. GRENIER (1966)..... Assistant Professor of History
B.A., 1951, University of Minnesota; M.J., 1952, University of California, Berke-
ley; Ph.D., 1965, University of California, Los Angeles.
- WINSTON R. HEWITT (1966)..... Lecturer in French
B.A., 1948, University of Minnesota; Diploma, 1949, University of Stockholm,
1950 and 1955, University of Paris; M.A., 1952, University of Minnesota; Ph.D.,
1963, University of California, Los Angeles.
- DAVID J. HUDSON, JR. (1966)..... Coordinator of Audio Visual Services;
Lecturer in Geography and Education
B.S., 1953, M.S., 1961, University of Southern California.
- HELEN JANE JONES (1966)..... Librarian, Cataloging
A.B., 1930, Drake University; B.L.S., 1931, Drexel Institute; A.M., 1940, Temple
University; 1939-40 graduate study Columbia University.
- GENE A. KALLAND (1966)..... Assistant Professor of Biological Science
B.A., 1962, San Fernando Valley State College; Ph.D., 1966, Indiana University.
- MARVIN LASER (1965)..... Dean, School of Humanities and Fine Arts;
Professor of English
Ph.B., 1935, M.A., 1937, University of Chicago; Ph.D., 1948, Northwestern Uni-
versity.
- DONALD A. MACPHEE (1964)..... Acting Dean, School of Social and
Behavioral Sciences; Professor of History
A.B., 1950, Seattle Pacific College; M.A., 1952, Ph.D., 1959, University of Cali-
fornia, Berkeley.
- HAL MARIENTHAL (1966)..... Assistant Professor of English
B.A., 1947, M.A., 1948, Northwestern University; Ph.D., 1966, University of
Southern California.
- SOLOMON MARMOR (1966)..... Associate Professor of Chemistry
B.S., 1948, The City College of New York; Ph.D., 1952, Syracuse University.
- RUTH A. MARTINSON (1964)..... Director, Teacher Education Programs;
Professor of Education and Psychology
B.A., 1941, Western Washington College; M.A., 1946, Ed.D., 1949, University of
California, Los Angeles.
- J. DONALD MILD (1965)..... Director, Research and Institutional Studies;
Lecturer in Mathematics
B.S., 1958, M.S.P.A., 1966, University of Southern California.

- M. MILO MILFS (1962)..... Dean, Student Affairs; Professor of Psychology
B.S., 1949, M.A., 1951, University of New Mexico; Ed.D., 1957, University of
Southern California.
- ADOLFO M. MONSANTO (1966)..... Professor of Foreign Language
M.A., in Education and Letters, 1947, Ph.D., in Education and Letters, 1949,
Universidad Nacional Autonoma de Mexico.
- ROBERT J. MURRAY (1962)..... Business Manager
Washington and Lee University; George Washington University; University of
San Francisco; San Francisco State College.
- MARK NAIDIS (1966)..... Associate Professor of History
B.A., 1938, M.A., 1940, University of California, Los Angeles; Ph.D., 1951, Stan-
ford University.
- HARRY A. NETHERY (1962)..... Dean, College Services & Facilities Planning;
Professor of Business Administration
B.A., 1939, Stanford University; M.B.A., 1941, Harvard Graduate School of Busi-
ness Administration; Ed.D., 1955, Stanford University.
- NORMAN NEUERBURG (1966)..... Associate Professor of Art
A.B., 1953, University of California, Los Angeles; M.A., 1955, Ph.D., 1960, New
York University.
- DAVID B. RANKIN (1966)..... Associate Professor of English
A.B., 1953, M.A., 1961, University of Southern California; Ph.D., 1965, University
of London.
- ABE C. RAVITZ (1966)..... Professor of English
B.A., 1949, City College of New York; M.A., 1950, Ph.D., 1955, New York Uni-
versity.
- EDWIN W. REICHARD (1967)..... College Librarian
B.A., 1957, Trinity College; A.M.L.S., 1961, University of Michigan; advanced
study, 1966, Università Italiana per Stranieri.
- QUENTIN C. STODOLA (1966)..... Director, Counseling, Placement and
Financial Aids; Associate Professor of Psychology
A.B., 1942, Queens College; M.A., 1950, Montclair State College; Ph.D., 1954,
University of Wyoming.
- DOLORES D. TOWNSEND (1966)..... Librarian, Head of Public Services
B.S., 1936, Kansas State Teachers College; M.S.L.S., 1959, University of Southern
California.
- NORMAN A. WIEGMANN (1966)..... Professor of Mathematics
B.A., 1941, University of Southern California; M.A., 1943, Ph.D., 1947, University
of Wisconsin.

SPECIAL PROJECTS

A Communications Systems For An Institution of Higher Education

- M. Milo Milfs..... Principal Investigator
- J. Donald Mild..... Director
Catherine S. Falkenstein..... Secretary
- Donald D. Doughty..... Associate Systems Analyst
- Gary H. Carpenter..... Computer Programmer
- Margueritte A. Brown..... Keypunch Operator

The Improvement of Teaching Procedures with
Gifted Elementary and Secondary School Students

Ruth A. Martinson.....Director
Jean L. Wiener.....Co-Director
Dorothy H. Hill.....Secretary
Stephen W. Brown.....Research Consultant

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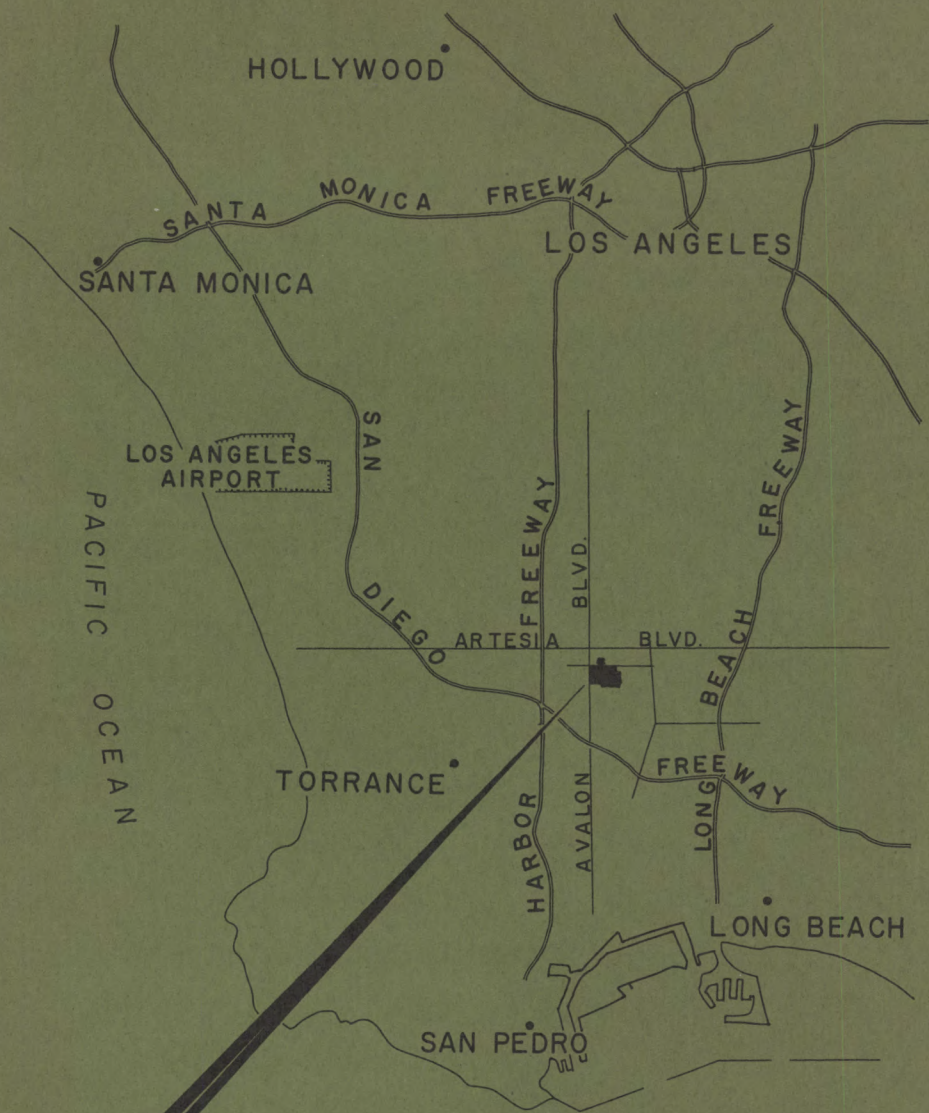
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DOMINGUEZ HILLS

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