California State University DOMINGUEZ HILLS

Upper Division Transfer 2-year Degree Roadmap

Bachelor of Science in Clinical Science: Medical Technology Option

The purpose of the Degree Roadmap is to serve as a guide for planning one's academic coursework required to complete a specific major semester by semester. Before enrolling, you can use t he Degree Roadmap to get a feel for the courses you'll take in this major. After enrolling, refer to the University Catalog, Class Schedule and consult with your academic advisor each semester for advisement to specify which courses you will take to fulfill each graduation requirement and are progressing toward graduation in a timely manner as possible. **The Degree Roadmap is subject to change and is NOT to be considered a replacement for advisement with an academic advisor.** *See University Catalog* for information on the Graduate Writing Assessment Requirement (GWAR). ***See reverse side for General Education (GE) course requirements. **A minimum of 120 units are required for completion of degree.***

College of Health, Human Services, and Nursing

Upper Division Transfer Requirements

- Complete a minimum 60 transferable semester (or 90 quarter) units with a 2.0 GPA (nonresidents require 2.4 GPA) and be in good standing at the last college or university attended. Within those 60 semester units, complete a minimum of 30 semester (or 45 quarter) units of General Education courses with a 2.0 GPA with a "C" grade or better, including Oral Communication, Written Communication (English Composition), Logic/Critical Thinking and Mathematics/Quantitative Reasoning.
- Complete and submit a CSU Application for Admission by the posted deadline through CSU Mentor at ***CSUMENTOR.EDU***.
- Submit official transcripts from all colleges attended.
- Students applying to an impacted program may have to meet supplementary requirements.
- The following degree roadmap assumes you have junior standing (60 units) and have completed all lower division General Education Courses.
- Minimum of 120 units are required for completion of degree, 30 of which must be taken in residence at CSUDH.

First Semester

Course		Units
CHE 316	Survey of Organic Chemistry (spring only)	3
CHE 317	Survey of Organic Chemistry Laboratory (spring only)	1
CLS 301	Introduction to Clinical Laboratory Procedures	2
CLS 302	Clinical Practice	1
GE F3/G*	Studies in Social Sciences area/Cultural Pluralism area	3

Second Semester

Course		Units
BIO 425	Medical Bacteriology (spring only)	3
BIO 435	Medical Bacteriology Laboratory (spring only)	1
CHE 456	Clinical Chemistry (spring only)	3
CLS 306	Clinical Immunology/Immunohematology (spring only)	4
CLS 307	Clinical Hematology (fall only)	3
CLS 401	Overview: Virology/Mycology	1
GE F1*	Studies in the Humanities area	3

Third Semester

Course		Units
BIO 324	Microbiology (Fall only)	3
BIO 325	Microbiology Laboratory (Fall only)	1
BIO 458	Human Parasitology	3
BIO 459	Human Parasitology Laboratory	1
CHE 450	Biochemistry I	4
CHE 451	Biochemistry I Laboratory	1
GWAR	ENG 350 or GWE	0-3

Fourth Semester

Course		Units
CLS 432	Clinical Hematology/Urinalysis Lab	4
CLS 433	Clinical Immunohematology/Serology Lab	3
CLS 434	Clinical Special Procedures Laboratory	1
CLS 440	Correlations in Clinical Microbiology	2
CLS 441	Correlations in Clinical Chemistry	2
HSC 492	Research Methods in Health Sciences	3
GE F2*	Studies in the Natural Sciences area	3

Fifth Semester

Course		Units
CLS 430	Clinical Microbiology Laboratory	3
CLS 431	Clinical Chemistry Laboratory	3
CLS 442	Correlations in Clinical Hematology/Urinalysis	2
CLS 443	Immunohematology/Serology	2
HSC 491	Management Skills in the Health Sciences	3

Total Units: 72-75**

NOTE: Clinical year begins summer prior to the 9th semester. Upper division elective courses cannot double count for upper division GE courses. This is a single field major. No minor required.

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Learn More

- To learn more about the B.S. in Clinical Science at CSUDH, call the Department of Health Sciences at (310) 243-3748, visit WH A-330, or visit ***CSUDH.EDU/CHHSN***.
- For more information on applying to CSUDH, visit ***CSUDH.EDU/FutureStudents***.
- Apply online at ***CSUMENTOR.EDU***.
- Career information, visit ***CSUDH.EDU/CareerCenter***.

Faculty

Cheryl Jackson-Harris
Program Coordinator, Professor
M.S., CSU, Dominguez Hills

Ellen Hope-Kearns
Professor and Professor Emeritus
Ph.D., University of Central Lancashire

Paula D'Amore, Associate Professor
Ph.D., University of California, Los Angeles

Amer El Ahraf, Professor Emeritus
DPH, University of California, Los Angeles

Pamela Krochalk, Professor
Ph.D., University of California, Los Angeles

Scott Hornbeak, Program Coordinator
Lecturer, Orthotics & Prosthetics
MBA, CPO, University of California, Los Angeles

Career Options

Students should consider professional health care specialization. They find positions in a variety of settings including university medical centers, acute care facilities, private clinics, hospitals, doctor's offices, research facilities, colleges and universities, government and in industry, both in the United States and abroad.

*General Education (GE) Requirements

A. Basic Skills:
Courses must be passed with a grade of "C" or higher.
GE A1: ENG 110, ENG 111 (both required)
GE A2: PHI 120 or PSY 110
GE A3: THE 120
GE A4: CSC 101 or LIB 150 (optional category)

B. Area of the Natural Sciences and Quantitative Reasoning:
Select one course from each category below. Category 4 courses must be passed with a grade of "C" or higher.
GE B1: CHE 102, EAR 100, GEO 200, PHY 100
GE B2: ANT 101, BIO 102
GE B3: BIO 103, EAR 101, CHE 103
GE B4: MAT 105, 131, 153, 171, 191, 193

C. Area of the Humanities:
Select one course from each category below.
In categories 2 and 3, select courses from different departments.
GE C1: HUM 200
GE C2: ART 100, ART 101, CHS 125, COM 130, DAN 130, MUS 101, MUS 110, THE 100, THE 160
GE C3: AFS 200, AFS 231, APP 101, CHS 100, CHS 205, ENG 230, FRE 220, HUM 212, PHI 101, PHI 102, SPA 151, SPA 221

D. Area of the Social Sciences:
Select one course from each category below.
In categories 1 and 2, select courses from different departments.
GE D1: AFS 212, AFS 220, ANT 100, APP 212, CHS 212, PSY 101, SOC 101, SOC 102, WMS 250
GE D2: AFS 201, ANT 102, CHS 200, GEO 100, HIS 120, HIS 121, POL 100
GE D3: HIS 101
GE D4: POL 101

E. Objectives for Lifelong Learning and Self-Development:
Select one course from the following.
GE E: HEA 100, HSC 201, KIN 235, REC 100, UNV 101

F. Upper Division Integrative Studies:
Select one course from each category. Courses in this category are to be taken after 60 semester units and ALL lower division General Education courses have been completed.
GE F1: HUM 310, 312, 314
GE F2: SMT 310, 312, 314, 416
GE F3: SBS 318[1]

G. Cultural Pluralism Requirement:
Within their General Education selections or within other requirements, all students must take one course which addresses cultural pluralism (i.e. the impact of the integration of cultures).
GE G: ANT 312, 336, 337, 338, 339, 340, 342, 389, CHS 300, HIS 305, MUS 401, PHI 383, SBS 318, SOC 322, SOC 331, SOC 383

1 SBS 318 satisfies both F3 and G areas. Students will receive only three units credit, but will have met both requirements.

Last modified on September 30, 2011