

UC SANTA BARBARA
2020-21 Major and Curriculum Updates

UPCOMING CHANGES

Physics, B.A. and Physics, B.S. – We will start screening for major preparation for fall 2022 applications. (November 2021 application filing period.) Transfer applicants will be required to complete the UC Transfer Pathway in Physics with a GPA of at least 3.4 in the Transfer Pathway courses and no grade below C in those courses. Meanwhile, it is always in the student’s best interest to complete as much major prep before transfer as possible, even if we aren’t screening yet.

NEW MAJORS

- No new majors

MAJOR NAME CHANGE

- Applied Mathematics, B.S. (formerly Mathematical Sciences, B.S.)

MAJORS WITH CHANGES TO LOWER-DIVISION MAJOR PREPARATION

Aquatic Biology, B.S.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Asian Studies, B.A.

- Added Korean language as an option (KOR 1-2-3-4-5-6)
- Added CHIN 80 (Masterpieces in Chinese Literature) as an option
- Added CHIN 82 (Modern Chinese Literature) as an option

Biochemistry-Molecular Biology, B.A.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Biological Sciences, B.A. & B.S.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Biopsychology, B.S.

- CHEM 1A-1B and MCDB 1A and EEMB 2 moved to Pre-Major Requirements from Preparation for the Major (meaning they must be completed before a student can petition to move from the Pre-Biopsychology major into Biopsychology, B.S.)
- This is further reason to encourage all students to complete the general chemistry series and major prep biology series prior to transfer

Black Studies, B.A.

- BL ST 2 (Black Globalization) now required for major
- BL ST 3 (Introduction to African Studies) now required for major
- BL ST 7 (Introduction to Caribbean Studies) now required for major
- BL ST 4 (Critical Introduction to Race and Racism) still an option along with several other courses

Cell and Developmental Biology, B.S.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Computer Engineering, B.S.

- PHYS 4 & 4L were moved from “Additional Major Preparation Courses” to “Strongly Recommended Advanced Preparation Courses”

Computer Science, B.S.

- CMPSC 48 (Computer Science Project) no longer required for major
- CMPSC 56 (Advanced Applications Programming) no longer required for major
- This does not change the Admission Selection Criteria because these courses did not need to be completed prior to transfer

Economics and Accounting, B.A.

- Upper-division writing course no longer required for major (this was a course taken after transfer)
- This does not change the Admission Selection Criteria

Economics, B.A.

- Upper-division writing course no longer required for major (this was a course taken after transfer)
- This does not change the Admission Selection Criteria

Electrical Engineering, B.S.

- PHYS 4 & 4L & 5 & 5L were moved from “Additional Major Preparation Courses” to “Strongly Recommended Advanced Preparation Courses”

Environmental Studies, B.A.

- New course ENV S 40 (Critical Thinking and Evidence-Based Reasoning for the Environment)
- New course ENV S 60 (Applied Ecology) added as option for major; MCDB 20 and EEMB 22 removed as options
- BL ST 4, FEMST 50, LING 50 added as options; PHIL 3 removed as an option

Environmental Studies, B.S.

- New course ENV S 40 (Critical Thinking and Evidence-Based Reasoning for the Environment)
- MATH 4A no longer required for major
- BL ST 4, FEMST 50, LING 50 added as options; PHIL 3 removed as an option

Geography, B.A.

- New course GEOG 6 added as option for major; GEOG 7 removed as an option

Global Studies, B.A.

- Added HIST 46A (The Middle East from Muhammad to the Nineteenth Century) as an option
- Added HIST 46B (The Middle East: From the Nineteenth Century to the Present) as an option

History of Art and Architecture, B.A.

- New course ARTHI 86 added as option for major, but it is not yet in the UCSB catalog

History of Art and Architecture, B.A. – Architecture and Environment Emphasis

- New course ARTHI 86 added as option for major, but it is not yet in the UCSB catalog

History of Art and Architecture, B.A. – Museum Studies Emphasis

- New course ARTHI 86 added as option for major, but it is not yet in the UCSB catalog

History, B.A.

- Added HIST 28 (Gandhi: Nonviolence, Resistance, Truth) as an option for Breadth Requirement Area 2B: Asia; also added as an option for Area 2F: World History and Comparative History
- Added HIST 46A (The Middle East from Muhammad to the Nineteenth Century) as an option for Breadth Requirement Area 1 (courses focusing before 1800)
- Added HIST 46A (The Middle East from Muhammad to the Nineteenth Century) as an option for Breadth Requirement Area 2A: Africa and the Middle East; also added as an option for Area 2F: World History and Comparative History
- Added HIST 46B (The Middle East: From the Nineteenth Century to the Present) as an option for Breadth Requirement Area 2A: Africa and the Middle East; also added as an option for Area 2F: World History and Comparative History
- Added HIST 49C (Survey of African History) as an option for Breadth Requirement Area 2F: World History and Comparative History

Mechanical Engineering, B.S.

- PHYS 4 & 4L were moved from “Additional Major Preparation Courses” to “Strongly Recommended Advanced Preparation Courses”

Microbiology, B.S.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Middle East Studies, B.A.

- Added HIST 46A (The Middle East from Muhammad to the Nineteenth Century) as an option
- Added HIST 46B (The Middle East: From the Nineteenth Century to the Present) as an option
- Added RG ST 81 (Modern Iran and Global Politics) as an option
- Added RG ST 82 (Modern Arab Culture) as an option

Pharmacology, B.S.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Physiology, B.A.

- CHEM 6BL (2nd quarter organic chemistry lab) no longer required for major

Psychological and Brain Sciences, B.S.

- Removed MCDB 29 (Fundamentals of Biomedical Research) as an option in Preparation for the Major Area III
- Removed RG ST 15 (Religion and Psychology) as an option in Preparation for the Major Area III

Religious Studies, B.A.

- Added RG ST 10 (Introduction to Biblical Law) as an option
- Added RG ST 13 (Religion and Popular Culture) as an option

NEW COURSES FOR 2020-21

CHEM 25 – Introductory Chemistry (3 units)

Prerequisite: Not open to students who have completed Natural Science 1B.

Enrollment Comments: Designed for non-science majors, this course may serve as background preparation for Chemistry 1A.

Includes such basic topics as atomic theory, weight relations, nomenclature, chemical bonding, kinetic molecular theory, gas laws, solutions, and related areas of modern chemistry.

CHIN 80 – Masterpieces in Chinese Literature (4 units)

Examines a selection of works from Chinese literature, with the goal of understanding the major genres and their development over time. The cultural roles of literature, as well as criteria for critical evaluation, are also addressed.

CHIN 82 – Modern Chinese Literature (4 units)

This course, taught in English, surveys an archive of seminal short fiction, novellas, novels, and poems that tell the story of China and the Chinese from the end of the Qing dynasty to the present. What has been the place of literature in China in the modern era? What vision of modern China do we find in its literature? How, moreover, does literature subvert the national narrative? Through literature as a window on the history of modern China, students will gain a better understanding of Chinese history and culture with regard to its social reform, revolution, war, cultural revolution, cultural revival, and economic growth.

CMPS 9 – Intermediate Python Programming (4 units)

Prerequisite: Computer Science 8 or Engineering 3 with a grade of C or better.

Intermediate topics in Computer Science using the Python programming language. Topics include object-oriented programming, runtime analysis, data structures, and software testing methodologies.

ENV S 40 – Critical Thinking and Evidence-Based Reasoning for the Environment (4 units)

Prerequisite: *Environmental Studies 1 or 2 or 3.*

An introduction to the different ways that researchers and practitioners have defined and applied critical thinking skills in environmental studies. In the first half, we will focus on the three important skills: 1. finding and evaluating evidence; 2. identifying assumptions; and 3. synthesizing evidence into clear and reasoned arguments. In second half, we will bring together both quantitative and qualitative approaches through case studies, so that students can practice using key terms and analytical habits.

ENV S 60 – Applied Ecology (4 units)

Course provides an introduction to ecology: biological interactions and processes at the level of organisms, populations, communities and ecosystems. Ecological concepts are presented and discussed in the context of current challenges in environmental management and conservation.

GEOG 6 – Sex, Drugs, & Geography (4 units)

Enrollment Comments: *Quarters usually offered: Spring.*

An examination of the interrelationships between people, place, and the environment as they apply to contemporary public health challenges in our society. Case studies such as HIV and other sexually transmitted infections, and the opioid epidemic, will be used to illustrate social, spatial, and temporal patterns of health.

KOR 1 – First Year Korean (5 units)

Enrollment Comments: *No credit can be earned if more advanced credit in the language has already been awarded.*

The beginning course in Korean. The student acquires a basic knowledge of the grammar, a limited general vocabulary, correct pronunciation, and an ability to read and understand simple texts. Weekly laboratory assignments support and enhance classroom learning.

KOR 2 – First Year Korean (5 units)

Prerequisite: *Korean 1.*

Enrollment Comments: *No credit can be earned if more advanced credit in the language has already been awarded*

Continuation of Korean 1.

KOR 3 – First Year Korean (5 units)

Prerequisite: *Korean 1, 2.*

Enrollment Comments: *No credit can be earned if more advanced credit in the language has already been awarded.*

Continuation of Korean 2.

KOR 4 – Second Year Korean (5 units)

Prerequisite: *Korean 1, 2, 3.*

Enrollment Comments: *No credit can be earned if more advanced credit in the language has already been awarded.*

Continuation of Korean 3.

KOR 5 – Second Year Korean (5 units)

Prerequisite: Korean 1, 2, 3, 4.

Enrollment Comments: No credit can be earned if more advanced credit in the language has already been awarded.

Continuation of Korean 4.

KOR 6 – Second Year Korean (5 units)

Prerequisite: Korean 1, 2, 3, 4, 5.

Enrollment Comments: No credit can be earned if more advanced credit in the language has already been awarded.

Continuation of Korean 5.

COURSE CHANGES

- BL ST 1** Introduction to African-American Studies
Changing from 4 units to 5 units in W21
All articulations are being removed effective F20 per faculty decision
(They want students to take BL ST 1 at UCSB)
- GEOG 8** New name: Introduction to Global Warming (4 units) [changed S20]
Formerly: Living with Global Warming (4 units)
- HIST 46MI** New name: Modern Iran and Global Politics (4 units) [changed W20]
Formerly: Modern Iran (4 units)
- MUS 10A** New name: History of Western Music from Early Modern Culture through Modernism
(4 units) [changed F19]
Formerly: History of Music from Early Modern Culture through Modernism (4 units)
- MUS 10B** New name: History of Western Music from Early Modern Culture through Modernism
(4 units) [changed W19]
Formerly: History of Music from Early Modern Culture through Modernism (4 units)
- MUS 10C** New name: History of Western Music from Early Modern Culture through Modernism
(4 units) [changed S19]
Formerly: History of Music from Early Modern Culture through Modernism (4 units)
- RG ST 24** New name: Jesus in Comparative Perspective (4 units) [changed W19]
Formerly: Teachings of Jesus in Comparative Perspective (4 units)
- RG ST 48** New name: Self, Society, and Nature in Chinese Thought (4 units) [changed F20]
Formerly: Ethics and Society According to Classical Chinese Thought (4 units)

- RG ST 57A** New name: Elementary Persian I (4 units) [changed W20]
Formerly: Persian I
- RG ST 57D** New name: Intermediate Persian I (4 units) [changed W20]
Formerly: Intermediate Persian IV (4 units)
- RG ST 57E** New name: Intermediate Persian II (4 units) [changed W20]
Formerly: Intermediate Persian V (4 units)
- RG ST 57F** New name: Intermediate Persian III (4 units) [changed W20]
Formerly: Intermediate Persian VI (4 units)
- RG ST 58A** New name: Intensive Elementary Persian I (4 units) [changed W20]
Formerly: Intensive Persian I (4 units)
- RG ST 58B** New name: Intensive Elementary Persian II (4 units) [changed W20]
Formerly: Intensive Persian II (4 units)
- RG ST 58C** New name: Intensive Intermediate Persian I (4 units) [changed W20]
Formerly: Intensive Persian III (4 units)
- RG ST 58C** New name: Intensive Intermediate Persian II (4 units) [changed W20]
Formerly: Intensive Persian IV (4 units)
- RG ST 71** New name: Introduction to Asian American Religions (4 units) [changed F20]
Formerly: Introduction to Religion in Asian America (4 units)
- RG ST 81** New name: Modern Iran and Global Politics (4 units) [changed W20]
Formerly: Modern Iran (4 units)

TERMINATED COURSES

- CMPS 48** Computer Science Project (4 units) [discontinued F20]
- CMPS 56** Advanced Applications Programming (4 units) [discontinued F20]

MCDB 1AL, MCDB 1BL, EEMB 2L, and EEMB 3L are still offered at UCSB for UCSB students who started taking the biology major prep series before F19, but they are being replaced by MCDB 1LL and EEMB 2LL. I'm not removing them from the curriculum list yet.

- MCDB 1AL** Introductory Biology Laboratory I
- MCDB 1BL** Introductory Biology Laboratory II (same as EEMB 2L)
- EEMB 2L** Introductory Biology Laboratory II (same as MCDB 1BL)
- EEMB 3L** Introductory Biology Laboratory III

HIBERNATED COURSES

Hibernated courses are not officially discontinued, but they are not currently offered and do not appear in the catalog.

ART 21	Introduction to Integrated 2D Digital Media (4) Hibernated since F13
AS AM 3	Asian American Personality and Identity (4) Hibernated since M11
EEMB 23	Human Development and Reproductive Physiology (4) Hibernated since M13
MATH 15	Precalculus (4) Hibernated since F12
PHIL 6	Professional and Business Ethics (4) Hibernated since S13
THTR 3	Life of the Theater (4) Hibernated since F11
THTR 7	Performance of the Human Body (4) Hibernated since S15
THTR 8	European Theater History (4) Hibernated since S12
THTR 21	Stagecrafts (2) Hibernated since S15
THTR 26	Stage Makeup (2) Hibernated since S13
THTR 27B	Theater Drafting (2) Hibernated since S15