COURSES FOR MAJOR PREPARATION

The courses listed below are either required or recommended to be completed prior to transfer. Additional major preparation courses may be taken prior to transfer that are not listed here. California community college students should refer to www.assist.org for specific course numbers at their college and for additional major preparation courses.

**KEY**
- Recommended prior to transfer.
- Required prior to transfer.
- Required prior to transfer. Must be completed with no individual grade below “C” and a cumulative GPA of 2.7 or better.

**LETTERS & SCIENCE**

**ACTUARIAL SCIENCE, B.S.**
See Statistical Science, B.A./B.S.

**ANTHROPOLOGY, B.A.**
- Cultural anthropology
- Archaeology
- Biological anthropology

**AQUATIC BIOLOGY, B.S.**
See Biological Sciences, B.A./B.S.

**ART, B.A.**
- General Education or IGETC

**ASIAN AMERICAN STUDIES, B.A.**
- General Education or IGETC

**ASIAN STUDIES, B.A.**
- General Education or IGETC
- 2 years Chinese or Japanese OR appropriate score on UCSB language placement exam

**BIOCHEMISTRY, B.S.**
- 1 year general chemistry with labs
- 1 year organic chemistry with labs
- General physics series with labs OR physics for science and engineering majors series with labs
- 2 semesters calculus for science and math majors
- Multivariable calculus
- Linear algebra

**BIOLOGY, B.S.**
- 1 year general chemistry with labs
- Biology for biology majors sequence with labs
- General physics series with labs
- 2 semesters calculus for science and math majors
- 1 year organic chemistry with labs
- Linear algebra
- Multivariable calculus

**BIOPSYCHOLOGY, B.S.**
- Introduction to psychology
- Biological psychology
- Research methods for psychology
- Statistics
- 2 semesters calculus
- 1 year general chemistry with labs
- General physics series with labs

**BLACK STUDIES, B.A.**
- General Education or IGETC

**CELL & DEVELOPMENTAL BIOLOGY, B.S.**
See Microbiology, B.S.

**CHEMISTRY, B.A./B.S.**
- 1 year general chemistry with labs
- 1 year organic chemistry with labs
- Physics for science and engineering majors series with labs
- 2 semesters calculus for science and math majors
- Multivariable calculus

**CHICANO/A STUDIES, B.A.**
- General Education or IGETC

**CHEMICAL ENGINEERING, B.S.**
- General Education or IGETC
- 2 years Chinese OR appropriate score on UCSB language placement exam

**CLASSES, B.A.**
- Introduction to archaeology

**CLASSICAL LITERATURE & LITERATURE**
- First semester western art history OR western civilization
- General Education or IGETC
- 1 year Greek or Latin, if available*

*Placement exams available after UCSB enrollment, if needed

**COMPARATIVE LITERATURE, B.A.**
- 2 years Language Other Than English (LOTE)
- First and second semester world history OR western civilization
- General Education or IGETC

**COMMUNICATION, B.A.**
- General Education or IGETC
- Statistics

**COMPUTER SCIENCE, B.S.**
- General Education or IGETC
- 2 years Chinese or Japanese OR appropriate score on UCSB language placement exam

**DANCE, B.A. (audition required)**
See Dance, B.A. PLUS:
- Introduction to acting

**EARTH STUDIES, B.A./B.S.**
- 1 year general chemistry with labs
- General physics series with labs OR physics for science and engineering majors series with labs
- 2 semesters calculus for science and math majors

**ECOLOGY, B.S.**
- General Education or IGETC
- 2 years Chinese or Japanese OR appropriate score on UCSB language placement exam

**ECONOMICS, B.A.**
- General Education or IGETC
- Required 2.75 GPA or higher
- No grade below “C” in:
  - Macroeconomics
  - Microeconomics
  - First and second semester calculus

**ECONOMICS & ACCOUNTING, B.A.**
See Economics, B.A. PLUS:
- 1 or 2 semesters financial accounting

**ENGLISH, B.A.**
- Introduction to Shakespeare
- 2 years Language Other Than English (LOTE)
- Introduction to literary study

**ENVIRONMENTAL STUDIES, B.A.**
- 1 semester calculus
- Statistics
- First course general chemistry
- Macroeconomics OR microeconomics

**ENVIRONMENTAL STUDIES, B.S.**
See Earth Science, B.A./B.S. PLUS:
- Statistics

**FEMINIST STUDIES, B.A.**
- General Education or IGETC

**FILM & MEDIA STUDIES, B.A.**
- General Education or IGETC
FINANCIAL MATHEMATICS & STATISTICS, B.S.
See Statistical Science, B.A./B.S. PLUS:
- Macroeconomics
- Microeconomics

FRENCH, B.A.
- General Education or IGETC
- 2 years French

GEOGRAPHY, B.A.
- Statistics
- Physical geography
- Cultural geography
Choose one:
- First course general chemistry
- OR first course general physics with lab
- OR introduction to biology
- OR introduction to ecology and evolution
- OR introduction to botany
Choose one:
- Cultural anthropology
- OR physical anthropology
- OR introduction to communication
- OR macroeconomics
- OR microeconomics
- OR introduction to psychology
- OR introduction to sociology

(GEOGRAPHIC INFORMATION SCIENCE)
See Geography, B.A. PLUS:
- 1 semester calculus for science and math majors

GEOGRAPHY, PHYSICAL, B.S.
See Earth Science, B.A./B.S. PLUS:
- Statistics
- Physical geography
- Cultural geography

GERMAN, B.A.
- General Education or IGETC

GLOBAL STUDIES, B.A.
- General Education or IGETC
- 1 year modern foreign language

HISTORY, B.A.
- First and second semester western civilization
- OR world history
- OR U.S. history

HISTORY OF ART & ARCHITECTURE, B.A.
- General Education or IGETC
- 1 year western art history

HISTORY OF PUBLIC POLICY, B.A.
See History, B.A.

HYDROLOGIC SCIENCES & POLICY, B.S.
See Earth Science, B.A./B.S. PLUS:
- Statistics

ITALIAN STUDIES, B.A.
- General Education or IGETC
- 2 years Italian

JAPANESE, B.A.
- General Education or IGETC
- 2 years Japanese OR appropriate score on UCSB language placement exam

LANGUAGE, CULTURE & SOCIETY, B.A.
- 1 year Language Other Than English (LOTE)
- Cultural anthropology
- Introduction to sociology

LATIN AMERICAN & IBERIAN STUDIES, B.A.
See Spanish, B.A.

LINGUISTICS, B.A.
- 2 years Language Other Than English (LOTE) in one language
- 1 year Language Other Than English (LOTE) in a second language (students are encouraged to take one language outside of the Indo-European family)

MATHEMATICAL SCIENCES, B.S.
- 2 semesters calculus for science and math majors
- Linear algebra
- Differential equations

MATHEMATICS, B.A./B.S.
See Mathematical Sciences, B.S.

MEDIEVAL STUDIES, B.A.
- 2 semesters western civilization
- OR world history

MICROBIOLOGY, B.S.
- 1 year general chemistry with labs
- Biology for biology majors
- Sequence with labs
- General physics series with labs
- 2 semesters calculus for science and math majors
- 1 year organic chemistry with labs
- Statistics OR linear algebra

MIDDLE EAST STUDIES, B.A.
- General Education or IGETC

MUSIC STUDIES, B.A.
- 1 or 2 years private lessons and/or ensembles
- 1 year music theory
- 1 year musicianship
- 1 year survey of western music history
- World music
- *Except Western Art Music emphasis

MUSIC, B.M. (audition required)
- 2 years private lessons
- 2 years large ensembles
- 2 years music theory
- 2 years musicianship
- 1 year survey of western music history
- Demonstration of piano proficiency required by piano placement audition
- OR 2 year sequence of class piano

(PIANO)
See Music, B.M. PLUS:
- 1 year Italian, French OR German

(VOICE)
See Music, B.M. PLUS:
- 1 year Italian
- 1 year French

PHARMACOLOGY, B.S.
See Microbiology, B.S.

PHILOSOPHY, B.A.
- General Education or IGETC
- Critical thinking
- History of philosophy series

(ETHICS & PUBLIC POLICY)
- General Education or IGETC
- Critical thinking
- Ethics OR business ethics OR biomedical ethics

PHYSICS, B.A./B.S.
- 1 year general chemistry with labs
- Physics for science and engineering majors series with labs
- 2 semesters calculus for science and math majors
- Multivariable calculus
- Linear algebra
- Differential equations

PHYSIOLOGY, B.S.
See Biological Sciences, B.A./B.S.

POLITICAL SCIENCE, B.A.
- Political philosophy
- Comparative politics
- International relations
- American government and politics
- Macroeconomics
- Microeconomics

PORTUGUESE, B.A.
- 2 years Portuguese OR appropriate score on UCSB language placement exam

PSYCHOLOGY, B.A.*
- Introduction to psychology
- 1 semester calculus
- Statistics
- *Available to transfer students only in fall 2016 and fall 2017

PSYCHOLOGICAL & BRAIN SCIENCES, B.S.*
See Psychology, B.A. PLUS:
- 1 year general chemistry
- *Replacing Psychology, B.A. beginning fall 2016

RELIGIOUS STUDIES, B.A.
- General Education or IGETC

RENAISSANCE STUDIES, B.A.
- General Education or IGETC
- 2 semesters western civilization
- OR western art history

SLAVIC LANGUAGES & LITERATURES, B.A.
- General Education or IGETC

SOCIOMETRY, B.A.
- Introduction to sociology
- Statistics
- Introduction to research methods (highly recommended)
- Two courses from:
  - Second semester world history
  - Western civilization
  - Latin American history
  - U.S. history
- *Courses should be consistent with UCSB requirements

SPANISH, B.A.
- 2 years Spanish OR appropriate score on UCSB language placement exam
- OR fluency examination
- OR equivalent language proficiency
STATISTICAL SCIENCE, B.A./B.S.  
- 2 semesters calculus for science and math majors  
- Linear algebra  
- Differential equations  
- UCSB PSTAT 120AB: Probability and Statistics recommended to be taken the summer before fall of first year

THEATER, B.A.  
- General Education or IGETC  
- Introduction to acting  
- Stagecraft  
- Lighting  
- Costume

THEATER, B.F.A.  
(audition required)  
See Theater, B.A.

ZOOLOGY, B.S.  
See Biological Sciences, B.A./B.S.

CREATIVE STUDIES

ART, B.A.  
- General Education or IGETC

BIOLOGY, B.A.  
- 1 year general chemistry with labs  
- General physics series with labs  
- Biology for biology majors sequence with labs  
- 2 semesters calculus for science and math majors

CHEMISTRY/BIOCHEMISTRY, B.A./B.S.  
- 1 year general chemistry with labs  
- 1 year organic chemistry with labs  
- Physics for science and engineering majors series with labs  
- 2 semesters calculus for science and math majors

COMPUTING, B.S.  
- 2 semesters calculus for science and math majors  
- Multivariable calculus  
- Linear algebra  
- Differential equations

ENGINEERING

CHEMICAL ENGINEERING, B.S.  
- 1 year general chemistry with labs  
- Physics for science and engineering majors series with labs*  
- 2 semesters calculus for science and math majors  
- Linear algebra  
- Differential equations  
- MATLAB  
- 1 year organic chemistry with labs  
- Multivariable calculus

COMPUTER SCIENCE, B.S.  
- Physics for science and engineering majors series with labs  
- Programming courses in C or C++  
- Data structures  
- Discrete math/discrete structures  
- Computer organization with logic design

MATHEMATICS, B.A./B.S.  
- IGETC  
- 2 semesters calculus for science and math majors  
- Multivariable calculus  
- Linear algebra  
- Differential equations  
- Programming courses in C or C++  
- Data structures in C++  
- Discrete math  
- Multivariable calculus  
- Computer organization with logic design

MUSIC COMPOSITION, B.S.  
- General Education or IGETC  
- Musicianship and music theory courses

PHYSICS, B.A./B.S.  
See Physics, B.A./B.S.

WRITING & LITERATURE, B.A.  
- General Education or IGETC

ELECTRICAL ENGINEERING, B.S.  
- Physics for science and engineering majors series with labs*  
- 2 semesters calculus for science and math majors  
- Linear algebra  
- Differential equations  
- Programming courses in C or C++  
- Circuits and devices with lab  
- MATLAB  
- Multivariable calculus  
- Data structures in C++  
- 1 year general chemistry with labs  
- Digital logic

MECHANICAL ENGINEERING, B.S.  
- Physics for science and engineering majors series with labs*  
- 2 semesters calculus for science and math majors  
- Linear algebra  
- Differential equations  
- First course in general chemistry with lab  
- Statics  
- Dynamics  
- MATLAB  
- Multivariable calculus  
- Second course in general chemistry with lab  
- Electronic circuits  
- Engineering graphics  
- Strength of materials

*Content equivalent to UCSB Physics 1-3L

CONNECT WITH UCSB ADMISSIONS

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Visitor Center & Campus Tours  
(805) 893-2487  
www.admissions.sa.ucsb.edu/visit-ucsb/tours

TRANSFER RESOURCES

UC TAP Tool  
https://uctap.universityofcalifornia.edu

ASSIST (CCC Course Transferability)  
www.assist.org

Transfer Admission Guarantee (TAG)  
www.admissions.sa.ucsb.edu/applying/transfer/tag

UCOP Transfer Admissions  
www.universityofcalifornia.edu/admissions/transfer

CONNECT WITH UCSB ADMISSIONS

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