

# Transfer Major Preparation

Fall 2023



Use this guide as an abbreviated list of required and recommended major preparation courses. Required courses must be completed by the end of spring before you transfer and will affect your chances of admission. Recommended courses are strongly recommended before transferring. Taking all of the recommended courses before you transfer will prepare you to begin upper-division coursework at UCSB after you transfer and make timely degree progress.

This is not a comprehensive list of all major preparation courses recommended for each major. California community college (CCC) students should refer to the major articulation agreements on [assist.org](https://assist.org) for a complete listing of CCC courses that will satisfy these requirements and recommendations. If you are not attending a CCC, refer to [assist.org](https://assist.org) or the [UCSB General Catalog](#) for further details about preparing for your major.

**Key:**

- ◆ Required before transfer.
- Required before transfer with no individual grade below "C" and a cumulative 2.7 major preparation GPA or better.
- ▲ Required before transfer with no individual grade below "C" and a cumulative 2.7 major preparation GPA or better for fall 2024 admission and beyond; highly recommended before transfer for fall 2023 admission.
- Required before transfer with no individual grade below "C" and a cumulative 2.75 major preparation GPA or better.
- Required before transfer with no individual grade below "C" and a cumulative 3.4 major preparation GPA or better.
- Recommended before transfer for timely degree progress.

## College of Letters & Science

### Anthropology, B.A.

- Cultural anthropology
- Archaeology
- Biological anthropology

### Art, B.A.

- General Education or IGETC
- Introductory art courses (such as *drawing, oil painting, sculpture, printmaking or photography*)

### Biochemistry, B.S.

- 1 year general chemistry w/ labs
- 1 year organic chemistry w/ labs
- Physics series w/ labs
- 2 semesters calculus for science and math majors
- Linear algebra
- Multivariable calculus
- Biology for biology majors sequence w/ labs

## Biological Sciences

### Aquatic Biology, B.S. Biological Sciences, B.A./B.S. Ecology & Evolution, B.S. Physiology, B.S. Zoology, B.S.

- 1 year general chemistry w/ labs
- Biology for biology majors sequence w/ labs
- ▲ 1 year organic chemistry w/ labs
- ▲ 2 semesters calculus
- General physics series w/ labs
- Statistics

### Biochemistry – Molecular Biology, B.S.

- 1 year general chemistry w/ labs
- Biology for biology majors sequence w/ labs
- ▲ 1 year organic chemistry w/ labs
- ▲ 2 semesters calculus for science and math majors
- General physics series w/ labs
- Linear algebra
- Multivariable calculus

## Cell & Developmental Biology, B.S. Microbiology, B.S. Pharmacology, B.S.

- 1 year general chemistry w/ labs
- Biology for biology majors sequence w/ labs
- ▲ 1 year organic chemistry w/ labs
- ▲ 2 semesters calculus
- General physics series w/ labs
- Statistics **OR** linear algebra

### Biopsychology, B.S.

- Introduction to psychology\*
- Statistics\*
- 2 semesters calculus\*
- 1 year general chemistry w/ labs\*
- Biology for biology majors sequence w/ labs
- 1 year organic chemistry w/ labs
- General physics series w/ labs
- \*Highly recommended before transfer

### Chemistry, B.A./B.S.

- 1 year general chemistry w/ labs
- 1 year organic chemistry w/ labs
- Physics for science and engineering majors series w/ labs

- 2 semesters calculus for science and math majors
- Linear algebra
- Differential equations
- Multivariable calculus

### Classics, B.A.

- General Education or IGETC
- 1st semester world history **OR** Western civilization

#### – Classical Archaeology Emphasis:

- Archaeology
- 1st semester Western art history

#### – Classical Language & Literature Emphasis:

- 1 year Greek or Latin\*

#### – Greek & Roman Culture Emphasis:

- 1st semester Western art history

\*Placement exams available after UCSB enrollment, if needed

### Communication, B.A.

- General Education or IGETC
- Statistics
- Communication courses

### Comparative Literature, B.A.

- 2 years Language Other than English (LOTE)
- 1st and 2nd semester world history **OR** Western civilization **OR** Western art history

### Cultural & Gender Studies

#### Asian American Studies, B.A.

#### Asian Studies, B.A.

#### Black Studies, B.A.

#### Chicano/a Studies, B.A.

#### Feminist Studies, B.A.

#### Latin American & Iberian Studies, B.A.

#### Middle East Studies, B.A.

- General Education or IGETC

#### – Asian Studies, B.A.:\*\*

- 2 years Chinese or Japanese or Korean **OR** equivalent language proficiency

#### – Latin American & Iberian Studies, B.A.:\*\*

- 2 years Spanish or Portuguese **OR** equivalent language proficiency

#### – Middle East Studies, B.A.:\*\*

- 2 years Arabic, Hebrew, Persian or Turkish **OR** equivalent language proficiency

### Dance, B.A./B.F.A.

#### Audition required

- General Education or IGETC
- History & appreciation of dance
- Ballet series
- Choreography
- Improvisation
- Modern dance series
- Dance lighting design
- Stagecraft **OR** lighting **OR** costume
- Music appreciation
- Introduction to acting (for B.F.A.)

### Earth Science, B.A./B.S.

- 1 year general chemistry w/ labs
- General physics series w/ labs **OR** physics for science and engineering majors series w/ labs (*required for Geophysics Emphasis*)
- 2 semesters calculus for science and math majors

- Linear algebra
- Differential equations
- Physical geology w/ lab

### Economics, B.A.

#### Economics & Accounting, B.A.

- General Education or IGETC
- Macroeconomics
- Microeconomics
- 1st & 2nd semester calculus

#### – Economics & Accounting, B.A.:

- 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.

- Statistics
- 1 or 2 semesters calculus
- 1st course general chemistry w/ lab
- Macroeconomics **OR** microeconomics
- Physical geography **OR** physical geology **OR** oceanography **OR** weather and climate
- American government **OR** comparative politics **OR** international relations

### Environmental Studies, B.S.

- Statistics
- 2 semesters calculus for science and math majors
- 1 year general chemistry w/ labs
- Physics series w/ labs
- Biology for biology majors sequence w/ labs
- Macroeconomics **OR** microeconomics
- Physical geography **OR** physical geology **OR** oceanography **OR** weather and climate

### Film & Media Studies, B.A.

- General Education or IGETC
- 1 literature course (*such as Asian American literature, African American literature,*

*comparative literature, Greek mythology*)

- 1 history or cultural studies course (*such as Asian American studies, Black studies, Chicana/o studies, 2nd semester world OR western civilization OR U.S. history, philosophy, religious studies*)
- 1 arts course (*such as modern/contemporary art history, dance history/appreciation, music appreciation, history of jazz*)

### Geography, B.A.

#### Including GIS Emphasis

- Statistics
- Physical geography
- Human geography
- Weather and climate
- Lab science (*such as biology, chemistry, geology or physics*)
- Social science (*such as anthropology, economics, psychology or sociology*)

### Geography, Physical, B.S.

#### Including Ocean Science Emphasis

- 1 year general chemistry w/ labs
- Physics series w/ labs
- 2 semesters calculus for science and math majors
- Statistics
- Physical geography
- Human geography
- Weather and climate

### Global Studies, B.A.

- General Education or IGETC
- 2 or 3 history courses from 1 region (World **OR** Europe **OR** Africa **OR** Americas **OR** Asia & Middle East)
- 2 years modern foreign language

### History, B.A.

#### History of Public Policy & Law, B.A.

- 1st and 2nd semester Western civilization **OR** world history **OR** U.S. history
- 1 history course focused outside the U.S. and Europe

### History of Art & Architecture, B.A.

- General Education or IGETC
- 1 year Western art history

### Hydrologic Sciences & Policy, B.S.

- 1 year general chemistry w/ labs
- Physics series w/ labs
- 2 semesters calculus for science and math majors
- Statistics
- Microeconomics or macroeconomics
- Physical geography
- Physical geology
- Biology for biology majors sequence w/ labs
- Linear algebra
- Differential equations

### Languages

#### Chinese, B.A.

#### French, B.A.

#### German, B.A.

#### Italian Studies, B.A.

#### Japanese, B.A.

#### Portuguese, B.A.

#### Russian & East European Studies, B.A.

#### Spanish, B.A.

- General Education or IGETC
- 2 years language instruction **OR** equivalent language proficiency

### Language, Culture & Society, B.A.

- 1 year Language Other than English (LOTE)
- Cultural anthropology
- Introduction to sociology
- Introduction to linguistics

### Linguistics, B.A.

- 2 years Language Other than English (LOTE) in one language
- 1 year Language Other than English (LOTE) in a 2nd language (*encouraged to take one language outside of the Indo-European family*)
- Introduction to linguistics

\*\*Note: Additional major preparation courses



## Mathematics, B.A./B.S.

### Applied Mathematics, B.S.

- 2 semesters calculus for science and math majors
- At least one course from:
  - Linear algebra
  - Differential equations
  - Multivariable calculus



## Medieval Studies, B.A.

- 2 semesters Western civilization **OR** world history

## 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 (*not required for 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
- Piano proficiency required
- **Piano Emphasis:**
  - 1 year Italian, French **OR** German
- **Voice Emphasis:**
  - 1 year Italian
  - 1 year French **OR** German

## Philosophy, B.A.

- General Education or IGETC
- Critical thinking/logic
- **Core Philosophy Concentration:**
  - History of philosophy series
- **Ethics & Public Policy Concentration:**
  - Ethics

\*\*Note: Additional major preparation courses

## Physics, B.A./B.S.

- Physics for science and engineering majors series w/ labs
- 2 semesters calculus for science and math majors
- Multivariable calculus
- Linear algebra
- Differential equations
- 1 year general chemistry

## Political Science, B.A.

- Political philosophy
- Comparative politics
- International relations
- American government
- Macroeconomics
- Microeconomics

## Psychological & Brain Sciences, B.S.

- Introduction to psychology\*
- 1 semester calculus\*
- Statistics \*
- 1 year general chemistry\*
- Biology for biology majors sequence

\*Highly recommended before transfer

## Religious Studies, B.A.

- General Education or IGETC
- 1 or 2 religious studies courses

## Sociology, B.A.

- Introduction to sociology
- Statistics

### Two courses from:

- 2nd semester world history
- 2nd semester Western civilization
- Latin American history
- U.S. history

## Statistics & Applied Probability

### Actuarial Science, B.S.

### Financial Mathematics & Statistics, B.S.

### Statistics & Data Science, B.A./B.S.

- 2 semesters calculus for science and math majors
- Linear algebra
- Differential equations
- Multivariable calculus
- Intro programming
- UCSB PSTAT 120A and PSTAT 120B recommended to be taken at UCSB the summer before fall of first year
- **Financial Mathematics & Statistics, B.S.:**\*\*
  - Macroeconomics
  - Microeconomics

## Theater, B.A./B.F.A.

### Audition required for B.F.A.

- General Education or IGETC
- Introduction to acting
- Stagecraft
- Lighting
- Costume

## College of Creative Studies

### Supplemental application required

## Art, B.A.

- General Education or IGETC

## Biology, B.A.

- 1 year general chemistry w/ labs
- General physics series w/ labs
- Biology for biology majors sequence w/ labs
- 2 semesters calculus for science and math majors

## Chemistry/Biochemistry, B.A./B.S.

- 1 year general chemistry w/ labs
- 1 year organic chemistry w/ labs
- Physics for science and engineering majors series w/ labs
- 2 semesters calculus for science and math majors
- Linear algebra

## Computing, B.S.

- 2 semesters calculus for science and math majors
- Multivariable calculus
- Linear algebra
- Differential equations
- Physics for science and engineering majors series w/ labs
- Programming in C or C++
- Data structures
- Discrete math/discrete structures
- Computer organization w/ logic design

## Mathematics, B.A./B.S.

- General Education or IGETC
- 2 semesters calculus for science and math majors
- Multivariable calculus
- Linear algebra
- Differential equations

## Music Composition, B.A.

- General Education or IGETC
- Musicianship and music theory

## Physics, B.A./B.S.

See *Physics, B.A./B.S. under Letters & Science*

## Writing & Literature, B.A.

- General Education or IGETC

## College of Engineering

### Required for all College of Engineering majors:

- ◆ Physics for science and engineering majors series w/ labs\*
  - ◆ 2 semesters calculus for science and math majors
  - ◆ Linear algebra
  - ◆ Differential equations
- \*Content equivalent to UCSB Physics 1-2-3-3L

## Chemical Engineering, B.S.

### Four requirements above PLUS:

- ◆ 1 year general chemistry w/ labs
- ◆ MATLAB
- ◆ 1 year organic chemistry w/ labs
- ◆ Multivariable calculus

## Computer Engineering, B.S.

### Four requirements above PLUS:

- ◆ Programming in C or C++
- ◆ Data structures in C++
- Discrete math
- Advanced C++ programming
- Multivariable calculus
- Digital logic
- Physics equivalent to UCSB Physics 4-4L

## Computer Science, B.S.

### Four requirements above PLUS:

- ◆ Programming in C or C++
- ◆ Data structures in C++
- ◆ Discrete math
- Advanced C++ programming
- Multivariable calculus
- Computer organization w/ logic design

## Electrical Engineering, B.S.

### Four requirements above PLUS:

- ◆ Programming in C or C++
- ◆ Multivariable calculus
- 1st course in general chemistry w/ lab
- Digital logic
- Physics equivalent to UCSB Physics 4-4L-5-5L

## Mechanical Engineering, B.S.

### Four requirements above PLUS:

- ◆ 1st course in general chemistry w/ lab
- ◆ Statics
- ◆ MATLAB
- Dynamics (*highly recommended*)
- Multivariable calculus
- 2nd course in general chemistry w/ lab
- Electronic circuits
- Engineering graphics
- Strength of materials
- Physics equivalent to UCSB Physics 4-4L

## Junior Transfer Admission

UCSB admits junior-level transfer applicants for fall quarter only. The UC application for fall admission opens August 1 at [apply.universityofcalifornia.edu](https://apply.universityofcalifornia.edu) and is due by November 30 the year prior to transfer. Priority consideration for transfer admission is given to students transferring directly from a California community college, but applicants from all colleges and universities are welcome to apply.

### Transfer Eligibility Requirements

All students, regardless of the institution they are transferring from, are held to the same requirements listed below. Students have until the end of the spring term prior to transfer to meet the following requirements.

- 1 A **seven-course pattern requirement**, earning a grade of C or better in each course:
  - a. Two courses in English composition (UC-E)
  - b. One course in mathematics beyond intermediate algebra, such as college algebra, precalculus, or statistics (UC-M)
  - c. Four courses from at least two of the following areas:
    - ▶ Arts and humanities (UC-H)
    - ▶ Behavioral and social sciences (UC-B)
    - ▶ Biological and physical sciences (UC-S)
- 2 Complete at least **60 semester or 90 quarter units** of UC-transferable college credit with a grade point average of at least 2.4 for California residents and at least 2.8 for nonresidents (no more than 14 semester or 21 quarter units may be taken Pass/No Pass). A selective GPA for most majors is a 3.5 or above.
- 3 **Major Preparation:** All transfer applicants should plan to complete as much major preparation coursework before transferring as possible. This document provides detailed information on required and/or recommended courses by major.



## UCSB Transfer Selection

Admitted transfer students typically meet and exceed the UC minimum requirements for admission listed above. All applicants are encouraged to complete preparation courses in their intended major, and some majors require preparation courses for admission. Meeting the eligibility requirements listed above with a strong GPA will make you competitive in UCSB's admission process. See the tips on becoming a selective applicant on our website at [admissions.ucsb.edu/transfer-eligibility-selection](https://admissions.ucsb.edu/transfer-eligibility-selection).

### Transfer Admission Guarantee

TAG is a guaranteed transfer admission program for California community college students if specific course, unit, and GPA criteria are met. In addition to submitting the UC application in November, a separate TAG application is due in September through the UC Transfer Admission Planner. Learn more at [admissions.ucsb.edu/tag](https://admissions.ucsb.edu/tag)!

**UCSB TAG criteria are set above minimum requirements. To be eligible, students must have:**

- a. A cumulative UC-transferable GPA of 3.4 by the end of fall 2022.
  - b. The first UC-English composition requirement completed by the end of fall 2022, with a letter grade no lower than C. The second UC-English composition requirement must be completed by the end of the spring 2023 term, with a letter grade no lower than C.
  - c. UC-Mathematics requirement completed by the end of fall 2022, with a letter grade no lower than C.
- ▶ *Required major preparation coursework still applies to selective majors in the College of Letters and Science (biological sciences, economics, mathematics, and physics).*
  - ▶ **Not available for:** College of Engineering, College of Creative Studies, or performing arts majors in the College of Letters and Science.

## Guide to Course Transferability

UCSB does not have articulation agreements with colleges outside of the California community college (CCC) system. Admissions counselors are not able to pre-evaluate coursework from other institutions, but the downloadable Guide to Course Transferability PDF explains in detail what UC looks for in transferable courses at [admissions.ucsb.edu/transfer-eligibility-selection](https://admissions.ucsb.edu/transfer-eligibility-selection).