

# TRANSFER TO THE UNIVERSITY OF CALIFORNIA (UC)

## The University of California

The University of California (UC) is one of the finest research universities in the world. It offers more than 900 degree programs and 160 academic disciplines, with more academic departments ranked in the top 10 nationally than any other public or private university. The UC system has 10 campuses; one (UC San Francisco) is a graduate/professional program and nine (UC Berkeley, UC Davis, UC Irvine, UC Los Angeles, UC Merced, UC Riverside, UC San Diego, UC Santa Barbara, and UC Santa Cruz) offer undergraduate programs.

All nine campuses have uniform minimum entrance requirements and certain other features in common. However, each campus is distinctive and not all majors are offered on all campuses. Students should investigate the various undergraduate colleges, schools, and majors available on each campus to determine which campuses will best satisfy their educational needs. Students are further encouraged to discuss with their counselor or with a UC Admissions representative the particular advantages each campus has to offer. For more information, see [universityofcalifornia.edu](http://universityofcalifornia.edu) (<http://universityofcalifornia.edu>).

## The Campuses of the University of California

- University of California, Berkeley (UCB or Cal)
- University of California, Davis (UCD)
- University of California, Irvine (UCI)
- University of California, Los Angeles (UCLA)
- University of California, Merced (UCM)
- University of California, Riverside (UCR)
- University of California, San Diego (UCSD)
- University of California, San Francisco (UCSF)
- University of California, Santa Barbara (UCSB)
- University of California, Santa Cruz (UCSC)

Nearly a third of University of California (UC) undergraduates are transfer students. Students from California community colleges (CCC) can become eligible for admission to the UC by meeting specific requirements. The requirements described below represent the minimum academic standards students must attain to be considered for admission to the University. **Meeting the minimum requirements does not guarantee admission to the University nor does it guarantee admission to a particular campus or major of the student's choice.** Many campuses and majors receive more applications than they have spaces available. To be more competitive, students should work toward meeting the specific major preparation courses and general education requirements for the campuses and majors they're interested in.

## I. Admission Requirements as Junior-Level Transfer

The UC gives highest priority to CCC students transferring as juniors. A **transfer student**, according to the University, is a student who has enrolled in a fall, winter, or spring term at a college or university after high school graduation. Students who meet this definition cannot disregard

their college record and apply as freshmen. A student who attends a college summer program immediately after graduating from high school or who has completed college work while in high school is still considered a freshman applicant.

California community college (CCC) transfer student is defined as having completed at least 30 semester (45 quarter) UC-transferable units at one or more California community colleges and whose last college attended in a regular session (fall/spring or fall/winter/spring) before enrolling at a UC campus.

To be considered for admission as a junior-level transfer applicant, a student must fulfill the following criteria:

1. Complete 60 semester (90 quarter) units of UC-transferable college credit. Each course must be worth at least 3 semester (4-5 quarter) units and be UC-transferable. No more than 14 semester (21 quarter) units of the 60 semester (90 quarter) units may be taken Pass/No Pass, unless the student is transferring from a college or university that awards only pass credit. A Pass (P) is considered to be equivalent to a C (2.00).

**NOTE:** Students should visit [www.assist.org](http://www.assist.org) (<http://www.assist.org>) to make sure their courses are approved for UC transfer.

2. Earn at least a 2.4 GPA in UC-transferable courses (2.8 for non-California residents). Some campuses and majors require a higher GPA for admission selection.

**Note:** A grade of D (including plus/minus) in a transferable course will count toward the number of transferable units completed. However, a grade of C or better is required when completing the seven-course pattern. And, in most cases, grades of D do not satisfy major or general education requirements.

3. Be in good academic standing (2.0 GPA or above) at the last institution of attendance and at any previous UC campus where the student was enrolled in a regular term (e.g., fall, winter, spring).

4. Complete either:

- a. The Intersegmental General Education Transfer Curriculum (IGETC) **or**
- b. The following seven-course pattern by the end of the spring term prior to fall enrollment at UC and earn a grade of C (2.0) or better in each course or a Pass (P) grade, if Pass is equivalent to a C (2.0).

- Two UC transferable courses (3 semester or 4-5 quarter units in each) in English Composition;
- One UC transferable course (3 semester or 4-5 quarter units in each) in mathematical concepts and quantitative reasoning;
- Four transferable college courses (3 semester or 4-5 quarter units in each) chosen from at least two of the following subject areas: arts and humanities; social and behavioral sciences; and physical and biological sciences.

5. Complete the required/recommended courses needed for your intended major with the minimum grades. Visit ASSIST (<https://assist.org/>) to see the major preparation coursework expected by each campus or refer to the UC's Transfer Pathways (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/uc-transfer-programs/transfer-pathways/>), a

single set of courses you can take to prepare for your major on any of the nine (9) undergraduate campuses.

Advanced Placement (AP) exams with scores of 3, 4, or 5 can be used to meet minimum requirements and subject areas. Please note: only one of the two English composition/literature courses required can be satisfied by an AP exam score).

## How to Transfer as a Junior-Level Applicant

To transfer to the University as a CCC junior-level transfer student, a student must take the following steps:

- 1. Meet Admission Requirements** – a student must complete the statewide eligibility requirements for transferring to the UC, see Admission Requirements as Junior-Level Transfer listed above.
- 2. Major Preparation Requirements** – major preparation requirements specify the courses a student must take during the first two years of college to prepare for advanced study in the selected major. Major preparation is one of the central factors some UCs use to determine admissions to the University. They may be required as part of the major, be prerequisites for other courses that are required as part of the major, or be required to gain admission to the major. Completing these courses before transfer makes a student a more competitive applicant and will help ensure on-time graduation after transfer. Refer to ASSIST (<https://assist.org/>) for the major preparation requirements for the selected institution.

**Performance counts** - transfer applicants are evaluated, in part, on the basis of their performance in major preparation coursework. So it's important – very important – that the students investigate the requirements for the intended major as soon as possible. If the major requires mathematics and/or science, it is essential that those prerequisites be completed before transfer. Lack of preparatory coursework may affect admission to the major, particularly if there are many applicants vying for a limited number of spaces.

**Start early** - Students should begin coursework in the major as soon as one is selected. For fall admission, the campus may require the completion of certain major preparation requirements by the end of the preceding spring term. All campuses recommend that the student complete mathematics and English as early as possible (some highly recommend or require completion by the end of the fall term, one year prior to enrolling at UC).

Students who have decided on a major but are undecided on the specific UC campus can refer to the UC Transfer Pathways (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/uc-transfer-programs/transfer-pathways/>) for the list of the most common lower-division pre-major preparation courses required for the majors at the UC. Schedule an appointment with a counselor to discuss and explore the many options of major and career available.

### 3. Complete an appropriate set of general education course requirements and electives.

Transfer students have three options for fulfilling General Education (GE) preparation for the UC, depending on the campus and major selected:

- a. Intersegmental Transfer General Education Transfer Curriculum (IGETC)** is a series of courses that California community college students may complete to satisfy the lower-division breadth/general education requirements at both the UC and the California State University (CSU). The IGETC pattern is helpful for students who know they want to transfer but have not yet decided upon a particular system, institution, or major. Students who intend to transfer into high-unit majors, such as engineering and many of the physical and natural sciences, should concentrate on completing

the many prerequisites for the major that the college screens for to determine eligibility for admission. OR

- b. IGETC for STEM** (science, technology, engineering, or mathematics) - UC will accept IGETC for STEM only if:

- An associate degree for transfer (ADT) at a CCC that offers IGETC for STEM as an option for those degrees **AND**
- The UC major program or college accepts partial IGETC certification.

**Note:** As of May 2022, UC will accept IGETC for STEM for the associate degrees for transfer (ADT) in Biology, Chemistry, or Environmental Science. And, although IGETC for STEM is an option, students should prioritize completing major-preparation courses for the specific campuses and programs they are considering.

- c. Campus-specific general education requirements** of the college or campus they plan to attend, visit [assist.org](https://www.assist.org) (<https://www.assist.org>) website.

## UC Transfer Pathways and Pathways+

In an effort to simplify the transfer process and help students better prepare for admission, the University of California (UC) has developed the **UC Transfer Pathways**. The intent of the Transfer Pathways is to provide an academic roadmap to the most popular majors for California community college (CCC) students by identifying and unifying major preparation requirements in selected majors for those students who apply to multiple UC campuses or who do not yet know which campus they plan to attend.

Each pathway outlines the set of courses students should take to be competitive for the most sought-after majors at every UC campus. Some campuses may want fewer courses for admission, but none will expect more. In addition, campuses may have grade requirements for particular courses, but with this roadmap, students will know which classes to take to prepare for all campuses in a single major. More information on the Transfer Pathways can be obtained on the UC Transfer Pathways (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/uc-transfer-programs/transfer-pathways/>) website. Students are strongly encouraged to apply to multiple campuses to improve their chances of admission.

Available majors for the **Transfer Pathways** include:

Anthropology, Biochemistry, Biology, Business Administration, Cell Biology, Chemistry, Communication, Computer Science, Economics, Electrical Engineering, English, History, Mathematics, Mechanical Engineering, Molecular Biology, Philosophy, Physics, Political Science, Psychology, and Sociology.

**Pathways+** combines the **TAG and Transfer Pathways** and provides students with a solid foundation for academic success and timely degree completion after transfer. A student who submits a TAG (Transfer Agreement Guarantee) and completes the pathway of pre-major and general education courses with a satisfactory GPA will be guaranteed admission to the TAG campus and be well-prepared for junior-level transfer to other UC campuses in that major and be well-positioned to graduate in a timely fashion. The UC Transfer Pathways Guide provides a listing of community college courses that meet the course expectations for each of the pathways. For more information, visit the Pathway+ (<https://admission.universityofcalifornia.edu/admission-requirements/>)

transfer-requirements/uc-transfer-programs/transfer-pathways/) website.

The UC Transfer Pathways (UCTP) Associate's Degree in Chemistry or Physics is an extension of Pathways+. These degrees include the major preparation outlined in the UC Transfer Pathways and are available at Moorpark College. In order to secure an admission guarantee in Chemistry or Physics students must:

- Complete the coursework and requirements outlined in the Transfer Pathway,
- Meet or exceed the required campus-based TAG GPA (campuses vary in the range of 2.8 - 3.4 GPA minimums),
- Submit a TAG application by September 30, and
- Apply for admission by November 30.

#### Transferring with an Associate Degree for Transfer

For students working toward an Associate Degree for Transfer (ADT), courses should be chosen that align with the requirements of the intended UC campus. Students should refer to the ASSIST website to guide them in selecting the right courses. Although earning an ADT does not guarantee admission to a UC, some campuses consider it in the comprehensive application review process.

## II. Other Types of Transfer

Some campuses admit a limited number of transfer students from a four-year (or out-of-state two-year) institution, lower-division transfers (completed less than 60 UC transferable semester units), returning to your previous UC campus, transferring to a different UC campus, second baccalaureate and limited status if the applicant has met the specific requirements. To check for the campus and majors available for the upcoming terms, visit the Check Majors (<https://admission.universityofcalifornia.edu/campuses-majors/majors/>) website.

## III. Transfer Admission Guarantee (TAG)

Six UC campuses offer guaranteed admission to California community college (CCC) students who meet specific requirements. By participating in a Transfer Admission Guarantee (TAG) program, students may, at some campuses, receive an early review of their academic records, early admission notification, and specific guidance on major preparation and general education coursework. For more information on TAG, visit a counselor and/or the TAG (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/transfer-admission-guarantee-tag.html>) website

#### TAG is available for the following UCs:

- Davis
- Irvine
- Merced
- Riverside
- Santa Barbara, and
- Santa Cruz.

#### Who Can File a TAG?

Only students transferring directly from a California community college (CCC) are considered for a TAG, including international students (those with a visa). Again, a CCC transfer is one who has completed at least 30 semester (45 quarter) UC-transferable units at one or more CCCs, and

the last college the student attended in a regular session (fall/spring or fall/winter/spring) before admission to a UC campus is a CCC. All UC campuses that offer TAG's require students to meet this definition.

#### Who's NOT Eligible for a TAG?

The following students are not eligible for TAG: students who have already earned a bachelor's degree, graduate degree, and/or professional degree; students who have previously enrolled at a UC campus during a regular term (not including summer session only) who plan to return to that same campus; and students concurrently enrolled in high school at the time of TAG application submission.

For most up-to-date information on TAG, visit our Career Transfer Center and/or schedule an appointment with a counselor.

## IV. Additional Transfer Information

### Transfer Selection by Campus

Many colleges, schools, or majors within the UC are highly selective and may have additional program requirements. These could include but are not limited to an audition, submission of a portfolio, supplemental applications, specific prerequisite coursework, test scores, and/or higher GPA than the minimum criteria for admission. Students are advised to make themselves as competitive as possible when applying for admission both in GPA and course preparation. Visit the how applications are reviewed (<https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-freshman/how-applications-are-reviewed.html>) website to obtain information on the factors the UC campus looks for in an applicant.

### Limits on Transfer Credits

In order to receive transfer credit, a CCC course must be approved by the UC and be listed on the Transfer Course Agreement (TCA) available in this catalog and on [www.assist.org](http://www.assist.org) (<http://www.assist.org>).

#### Lower-Division Units

All lower-division units, whether from a 2-year and/or 4-year college/university are limited to a maximum of 70 semester (105 quarter) units toward the UC degree. For units beyond the maximum (70 semester or 105 quarter) for which credit is awarded will be granted subject credit and may be used to satisfy subject requirements.

- Units earned through AP, IB, and/or A-Level examinations are not included in the limitation and do not put applicants at risk of being denied admissions.
- Units earned at any UC campus (Extension, summer, cross/concurrent and regular academic year enrollment) are not included in the limitation but are added to the maximum transfer credit allowed and might put applicants at risk of being denied admission due to excessive units.

**Note:** if all courses are completed at one or more 2-year (community) colleges, a student would never be in danger of having too many (excessive) units.

#### High-Unit Junior or Senior Standing

Some UC campuses and programs do not offer admission to students who have accumulated a combination of lower-division and upper-division (and/or UC) units beyond 80 semester (120 quarter) units or with junior or senior standing. Junior standing is defined as having 80-89 semester (120-133.5 quarter) UC-transferable units. Senior standing is defined as having 90 semester (135 quarter) or more UC-transferable units. For the list of UCs that admit students with junior or senior

standing and for more information about this limitation, refer to the *High-Unit Limits and Admission Policy by Campus* section of the **Quick Reference Guide to UC Admissions**.

#### University of California Courses

- Courses from enrollment at another UC main campus (not UC Extension) during a regular academic (fall, winter, spring) or summer term are all transferable.
- Courses from enrollment at any UC Extension are transferable if the course is numbered X1-X199; course numbers 1-99 which include a campus designation (e.g. XB, XLA) are equivalent to the same course offered to undergraduates on that campus.

#### Duplicative Credit

UC will not grant credit for college courses if the content duplicates material of previous completed courses or examinations for which credit has already been granted; with the exception of the repeat of deficient (C-/D/F) course grades

#### Grades of D

A grade of D (including plus/minus) in a transferable course will count toward the number of transferable units completed. However, the student must earn a grade of C or better when completing the seven-course pattern, and, in most cases, grades of D do not satisfy major or general education requirements.

**Pass grades:** Pass (P) or Credit (CR) grades are acceptable in transferable courses as long as they are equivalent to a grade of C or better (not C-); however, students are strongly advised that they must take courses required for their major for a letter grade.

#### UC does not grant credit for:

- Work or volunteer experience, vocational or technical training, and personal enrichment courses;
- Remedial academic or pre-baccalaureate courses, especially in English and mathematics;
- College-Level Examination Program (CLEP), or DANTES Subject Standardized Tests (DSST) exams.
- Variable Topic Courses in Journalism, Photography, Health, Business Administration, Architecture, Administration of Justice (Criminology), or Library Departments.
- Coursework from junior/community college programs that are technical or vocational, or that do not lead to further academic study at a University in the international country.
- Elementary/Intermediate (lower-division) language course - if the instruction was in that language during secondary school.
- Courses completed at unaccredited/non-regionally accredited institutions may be reviewed on a case-by-case basis. Contact the individual UC campus for more information.

#### Credit with Limitations

- **Independent Study** - courses are reviewed after transfer by the enrolling institution and credit is given only after a review of the scope and content of the course and may require recommendations by faculty. Students must submit the course syllabus and petition for credit. Faculty recommendations from the sending CCC campus may be required. This applies to courses in Independent Study, Experiential

Learning, Field Studies, Individual Projects, Internships, Special Studies, Special Topics, and Tutorials.

- **One course** for the following areas: Health, First Aid, Business Law, College Success, and Library Studies
- **Duplication of regular and honors** courses - credit will be granted for the first course completed with a grade of C or better.
- **Physical Education Courses** - A maximum of 4 semester (6 quarter) units of PE Activity; a maximum of 8 semester (12 quarter) units of physical education theory.
- **English as a Second Language Courses (ESL/ELD)** - a maximum of 8 semester (12 quarter) units will earn transfer credit.
- **Physics** - students may take one series in Physics.

### Repeated Courses

A student is allowed to repeat each course in which a "C-", "D+", "D", "D-", "F" or "NP" grade was originally earned, as many times as necessary, until the first time he or she earns a letter grade of "C" or better. The following rules apply:

- The replacement (repeat) course must be similar to the original course (the same content but not necessarily the same title) and must be offered at the same level as the original course.
- The new grade earned will replace the deficient grade in the GPA calculation. UC does not average the grades. A No Credit (NC), Not Pass (NP) or Academic Renewal (AR) grade in a repeated course will not replace a deficient grade.
- All coursework (original and repeats) must be reported on the admission application.
- A non-honors course can be used as a repeat of an honors-level course.
- An honors-level course may be used as a repeat of a non-honors course.
- Repeat of "C" (2.0) grades is not allowed, regardless of the repeat policy at the sending institution.
- Repeat of courses out of sequence is not allowed.
  - Sequential subjects for UC are chemistry, English as a second language, languages other than English and mathematics. These are also the subjects for which UC allows validation.
  - Students may not repeat a lower-level course if a grade of D- or higher has already been earned in a higher-level course. UC will not award credit or grade points for such courses.
- UC courses must be repeated at UC, but not necessarily at the original campus.
- Non-UC courses may be repeated at any U.S. regionally accredited college (or international university by the Ministry of Education).
- UC will not grant credit for college courses in which the content duplicates material of a previously completed course or examination for which credit has already been granted, with the exception of the repeat of deficient (C-/D/F) course grades.

### Course Sequences

When requirements are stated as a full-year sequence, students are encouraged to complete the entire course series before transferring to avoid duplicating coursework. Also, the topics covered in a particular



semester or quarter of the sequence at a community college may not be the same as at a UC campus.

## U.S. Military Service Courses

UC may award lower division (freshman/sophomore level) units for military courses completed if the courses are consistent with University policy on granting transfer credit when there is an equivalent course taught at a UC campus. UC will consult the ACE recommendations for information regarding course content and as a guide to awarding of credit. Credit for military courses is determined after matriculation at UC.

## References:

- Quick Reference Guide to UC Admissions, (<https://admission.universityofcalifornia.edu/counselors/files/quick-reference.pdf>) August 2022.
- UC Transferable Course Agreements Policy by Subject Area (<https://www.ucop.edu/transfer-articulation/transferable-course-agreements/tca-policy/regulations-by-subject-area.html>)
- UC Statement of Transfer Credit Practices ([universityofcalifornia.edu \(https://admission.universityofcalifornia.edu/counselors/files/Transfer\\_Credit\\_Practice.pdf\)](https://admission.universityofcalifornia.edu/counselors/files/Transfer_Credit_Practice.pdf)), 2019

## University of California Transfer Course Agreement (UC TCA) 2022-2023

This agreement lists courses transferable for unit credit at all UC campuses. While all courses that appear on this chart have been approved as transferable to the UC system, how they are applied may vary from campus to campus. Students should go to [www.assist.org](http://www.assist.org) (<http://www.assist.org/>) and research their intended major at the UC campuses they plan to apply to for information on how particular courses are applied in the pre-major and for new courses added to the TCA after this catalog was published. **All students planning to apply to the UC should also consult a counselor in the University Transfer Center or Counseling Office.**

Honors Course Credit Information: Duplicate credit will not be awarded for both the Honors and regular versions of a course. Credit will be awarded only for the first course completed with a grade of "C" or better.

## Accounting

Course ID	Title	Units/Hours
ACCT R101	Financial Accounting	3
ACCT R101H	Honors: Financial Accounting	3
ACCT R102	Managerial Accounting	3

## American Sign Language

Course ID	Title	Units/Hours
ASL R101	American Sign Language 1 *	4
*Corresponds to two years of high school study		
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3

## Addictive Disorder Studies

Course ID	Title	Units/Hours
ADS R101	Overview of Addiction	3
ADS R103	Pharmacology of Drugs of Abuse	3
ADS R131	Abnormal Psychology	3

## Anatomy

Course ID	Title	Units/Hours
ANAT R101	General Human Anatomy	4

## Anthropology

Course ID	Title	Units/Hours
ANTH R101	Introduction to Biological Anthropology	3
ANTH R101H	Honors: Introduction to Biological Anthropology	3
ANTH R101L	Introduction to Biological Anthropology Lab	1
ANTH R102	Introduction to Cultural Anthropology	3
ANTH R102H	Honors: Introduction to Cultural Anthropology	3
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH R106	Psychological Anthropology	3
ANTH R107	The Anthropology of Native Americans	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH R116	Science, Technology, and Human Values	3
ANTH R118	Introduction to Forensic Science	3
ANTH R119	Introduction to Border Studies	3

## Art

Course ID	Title	Units/Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R104A	Color and Design: 2-D Foundations	3
ART R104B	Color Theory	3
ART R106A	Drawing and Composition I	3
ART R106B	Drawing and Composition II	3
ART R106C	Drawing and Composition III	3
ART R108A	Beginning Oil Painting	3
ART R108B	Intermediate Oil Painting	3

ART R108C	Advanced Oil Painting	3
ART R110A	Beginning Acrylic Painting	3
ART R110B	Intermediate Acrylic Painting	3
ART R110C	Advanced Acrylic Painting	3
ART R115	Abstract Concepts	3
ART R126A	Life Drawing I	3
ART R126B	Life Drawing II	3
ART R126C	Life Drawing III	3
ART R155	Beginning Sculpture	3
ART R156	Intermediate Sculpture	3
ART R160	Introduction to Digital Photography	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R175	Introduction to Digital Art	3
ART R177	Graphic Design I	3
ART R180	3-D Foundations	3

## Astronomy

Course ID	Title	Units/ Hours
AST R101	Introduction to Astronomy	3
AST R101L	Astronomy Laboratory	1

## Biology

Course ID	Title	Units/ Hours
BIOL R100	Marine Biology	3
BIOL R100L	Marine Biology Laboratory	1
BIOL R101	General Biology *	3
BIOL R101H	Honors: General Biology *	3
BIOL R101L	General Biology Laboratory *	1
BIOL R120	Principles of Biology I *	4
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology *	1
BIOL R122	Principles of Biology II	4
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155	Principles of Botany	3
BIOL R155L	Principles of Botany Laboratory	1

\*No credit for BIOL R101 and BIOL R101L or BIOL R101H and BIOL R101L if taken after BIOL R120, BIOL R120L

## Border Studies

Course ID	Title	Units/ Hours
BRS R101	Introduction to Border Studies	3

## Business

Course ID	Title	Units/ Hours
BUS R111	Business Law	3
BUS R120	Introduction to Business *	3
BUS R121	Introduction to Management *	3
BUS R124	Organizational Behavior	3

BUS R125	Personal Finance	3
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\* BUS R120 and BUS R121 combined: maximum credit, 1 course

## Chemistry

Course ID	Title	Units/ Hours
CHEM R104	General, Organic, and Biological Chemistry *	5
CHEM R110	Elementary Chemistry *	5
CHEM R112	Elementary Organic and Biological Chemistry +	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5

\*No credit for CHEM R104 or CHEM R110 if taken after CHEM R120  
+No credit for CHEM R112 if taken after CHEM R130

## Chicano Studies

Course ID	Title	Units/ Hours
CHST R101	Introduction to Chicana/o Studies	3
CHST R102	Chicana/o Cultural Identity	3
CHST R107	History of Mexicans in the United States	3
CHST R108	Sociology of the Chicano Community	3

## Communication Studies

Course ID	Title	Units/ Hours
COMM R101	Introduction to Oral Communication	3
COMM R102	Introduction to Communication Studies	3
COMM R107	Argumentation and Debate	3
COMM R110	Small Group Communication	3
COMM R111	Interpersonal Communication	3
COMM R113	Intercultural Communication	3
COMM R114	Introduction to Communication Research	3

## Computer Information Systems

Course ID	Title	Units/ Hours
CIS R100	Introduction to Computer Information Systems	3

## Computer Networking/Information Technology

Course ID	Title	Units/ Hours
CNIT R101	IT Essentials	3
CNIT R161	Programming Essentials in Python	3

## Dance

Course ID	Title	Units/ Hours
DANC R100	Dance Appreciation	3
DANC R102A	Modern Dance I	2
DANC R102B	Modern Dance II	2
DANC R104A	Modern Jazz I	2

DANC R104B	Modern Jazz II	2
DANC R110A	Mexican Folklorico Dance I	2
DANC R110B	Mexican Folklorico Dance II	2
DANC R112A	Introduction to Hip-Hop Dance	1
DANC R112B	Beginning Hip-Hop Dance	1

## Early Childhood Education

Course ID	Title	Units/ Hours
ECE R102	Child Growth and Development	3
ECE R106	Child, Family and Community	3
ECE R107	Teaching in a Diverse Society	3

## Economics

Course ID	Title	Units/ Hours
ECON R100	Introduction to Economics and Contemporary Economics Issues *	3
ECON R201	Introduction to the Principles of Microeconomics	3
ECON R201H	Honors: Introduction to the Principles of Microeconomics	3
ECON R202	Introduction to the Principles of Macroeconomics	3
ECON R202H	Honors: Introduction to the Principles of Macroeconomics	3

\*No credit for ECON R100 if taken after ECON R201, R201H, R202 or R202H

## Education

Course ID	Title	Units/ Hours
EDU R122	Introduction to Education	3

## Engineering

Course ID	Title	Units/ Hours
ENGR R101	Introduction to Engineering	2
ENGR R130	Engineering Statics	3
ENGR R135	Dynamics	3
ENGR R140	Materials Science and Engineering	3
ENGR R140L	Materials Science and Engineering Laboratory	1
ENGR R148	Programming and Problem-Solving in MATLAB	3
ENGR R150	Engineering Graphics and Design	3
ENGR R160	Electronic Circuits and Devices	3
ENGR R160L	Electronic Circuits and Devices Laboratory	1

## English

Course ID	Title	Units/ Hours
ENGL R100	Intermediate Composition: ESL Emphasis *	4
ENGL R101	College Composition	4
ENGL R101H	Honors: College Composition	4

ENGL R102	Critical Thinking through Composition and Literature	4
ENGL R102H	Honors: Critical Thinking through Composition and Literature	4
ENGL R103	Creative Writing	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R127	Advanced Creative Writing	3
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
ENGL R129	Introduction to Latinx Literature	3
ENGL R134	African-American Literature	3

\*Any of this type of course combined - max credit: 8 units

## English as a Second Language

Course ID	Title	Units/ Hours
ESL R100	College Writing Preparation for Non-Native Speakers	4

## Environmental Science

Course ID	Title	Units/ Hours
ESRM R100	Introduction to Environmental Science	3
ESRM R100L	Introduction to Environmental Science Laboratory	1

## Ethnic Studies

Course ID	Title	Units/ Hours
ETHS R107	The Anthropology of Native Americans	3
ETHS R110	Introduction to Social Justice Studies	3
ETHS R114	African American Culture and Experience	3
ETHS R119	Introduction to Border Studies	3
ETHS R134	African-American Literature	3

## Filipino

Course ID	Title	Units/ Hours
FILI R101	Elementary Filipino 1	4
FILI R102	Elementary Filipino 2	4

## Film, Television, and Electronic Media

Course ID	Title	Units/ Hours
FTVE R100	Introduction to Electronic Media	3
FTVE R106	Beginning Digital Editing	3
FTVE R107	History of Film	3

FTVE R110	Introduction to Media Writing	3
FTVE R120	Beginning Audio Production	3
FTVE R130	Beginning Single Camera Production	3
FTVE R135	Beginning TV Studio Production	3
FTVE R150	Beginning Motion Picture Production	3
FTVE R155	Advanced Studio Production	3
FTVE R160	Introduction to Digital Photography	3

## Geographic Information Systems

Course ID	Title	Units/ Hours
GIS R106	Introduction to Geographic Information Systems	3

## Geography

Course ID	Title	Units/ Hours
GEOG R101	Elements of Physical Geography	3
GEOG R101L	Physical Geography Laboratory	1
GEOG R102	World Regional Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOG R104	Geography of California	3
GEOG R105	Introduction to Human Geography	3
GEOG R106	Introduction to Geographic Information Systems	3

## Geology

Course ID	Title	Units/ Hours
GEOL R101	Physical Geology	3
GEOL R101L	Physical Geology Laboratory	1
GEOL R103	Introduction to Oceanography	3
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114	Historical Geology	3
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3

## Global Studies

Course ID	Title	Units/ Hours
GLST R101	Introduction to Global Studies	3
GLST R102	Global Issues and Problems	3

## Health Education

Course ID	Title	Units/ Hours
HED R101	Health and Society <sup>o</sup>	3
HED R102	Fitness/Nutrition/Mental Wellness <sup>o</sup>	3
HED R103	Women's Health <sup>o</sup>	3
HED R104	Personal Health and Wellness <sup>o</sup>	3
HED R105	CPR, AED, First Aid, and Personal Safety <sup>+</sup>	3
HED R113	Introduction to Public Health	3
HED R114	Introduction to Nutrition Science	3

<sup>o</sup> HED R101, HED R102, HED R103 and HED R104 combined: maximum credit, 1 course

## History

Course ID	Title	Units/ Hours
HIST R104	History of California	3
HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R117	History of American Women	3
HIST R124	Sports in American History	3
HIST R125	U.S. Foreign Policy and Covert Action	3
HIST R125H	Honors: U.S. Foreign Policy and Covert Action	3
HIST R126	History of Latin America	3
HIST R130	History of the United States I	3
HIST R130H	Honors: History of the United States I	3
HIST R140	History of the United States II	3
HIST R140H	Honors: History of the United States II	3
HIST R150	World History I	3
HIST R150H	Honors: World History I	3
HIST R160	World History II	3
HIST R160H	Honors: World History II	3

## Intercollegiate Athletics

Course ID	Title	Units/ Hours
ICA R110	Intercollegiate Cross-Country-Men <sup>*</sup>	3
ICA R120	Intercollegiate Soccer-Men <sup>*</sup>	3
ICA R122	Conditioning for Men's Soccer <sup>*</sup>	0.5-2
ICA R130A	Intercollegiate Basketball-Men/Fall <sup>*</sup>	3
ICA R130B	Intercollegiate Basketball-Men/Spring <sup>*</sup>	2
ICA R132	Conditioning for Men's Basketball <sup>*</sup>	0.5-2
ICA R140	Intercollegiate Baseball-Men <sup>*</sup>	3
ICA R142	Conditioning for Men's Baseball <sup>*</sup>	0.5-2
ICA R160	Intercollegiate Cross Country-Women <sup>*</sup>	3
ICA R162	Conditioning for Cross Country <sup>*</sup>	0.5-2
ICA R165	Conditioning for Athletes <sup>*</sup>	0.5-2
ICA R170	Intercollegiate Soccer-Women <sup>*</sup>	3
ICA R172	Conditioning for Women's Soccer <sup>*</sup>	0.5-2
ICA R180	Intercollegiate Softball-Women <sup>*</sup>	3
ICA R182	Conditioning for Women's Softball <sup>*</sup>	0.5-2
ICA R190A	Intercollegiate Basketball-Women/Fall <sup>*</sup>	3
ICA R190B	Intercollegiate Basketball-Women/Spring <sup>*</sup>	2
ICA R192	Conditioning for Women's Basketball <sup>*</sup>	0.5-2

<sup>\*</sup> Any or all of these PE Activity courses combined: maximum credit, 4 units

## Interdisciplinary Studies

Course ID	Title	Units/ Hours
IDS R102	Science, Technology, and Human Values	3



**Kinesiology**

Course ID	Title	Units/ Hours
KIN R100	Introduction to Kinesiology	3
KIN R120A	Kickboxing for Fitness I *	1
KIN R120B	Kickboxing for Fitness II *	1
KIN R121A	Boxing for Fitness I *	1
KIN R121B	Boxing for Fitness II *	1
KIN R122	Self-Defense *	2
KIN R123	Escrima/Filipino Martial Arts *	1
KIN R124	Jujitsu *	1
KIN R140	Walking for Fitness *	1
KIN R141	Running for Fitness *	1
KIN R142A	Yoga I *	1
KIN R142B	Yoga II *	1
KIN R143	Pilates Mat *	1
KIN R144	Core Stability and Stretch *	1
KIN R145A	Body Conditioning Boot Camp I *	1
KIN R145B	Body Conditioning Boot Camp II *	1
KIN R146A	Weight Training and Conditioning I *	1
KIN R146B	Weight Training and Conditioning II *	1
KIN R147A	Women's Conditioning I *	2
KIN R147B	Women's Conditioning II *	2
KIN R148	Power Lifting and Free Weights *	1
KIN R162A	Soccer I *	1
KIN R162B	Soccer II *	1
KIN R163A	Basketball I *	1
KIN R163B	Basketball II *	1
KIN R164A	Baseball I *	1
KIN R164B	Baseball II *	1
KIN R165A	Volleyball I *	1
KIN R165B	Volleyball II *	1

\*Any or all of these PE activity courses combined: maximum credit, 4 units

**Marine Studies**

Course ID	Title	Units/ Hours
MST R100	Marine Biology	3
MST R100L	Marine Biology Laboratory	1
MST R103	Introduction to Oceanography	3
MST R103L	Introduction to Oceanography Laboratory	1

**Mathematics**

Course ID	Title	Units/ Hours
MATH R101	Mathematics for the Liberal Arts Major	3
MATH R102	Mathematics for Elementary School Teachers	4
MATH R105	Introductory Statistics *	4
MATH R105H	Honors: Introductory Statistics *	4
MATH R106	Business Calculus <sup>+</sup>	4
MATH R115	College Algebra <sup>o</sup>	4
MATH R117	Precalculus and Trigonometry <sup>o</sup>	6

MATH R120	Calculus with Analytic Geometry I <sup>+</sup>	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
MATH R148	Programming and Problem-Solving in MATLAB	3
o MATH R115 and MATH R117 combined: maximum credit, 5 semester/7.5 quarter units		
+ MATH R106 and MATH R120 combined: maximum credit, 1 course		
* MATH R105, PSY R103 and SOC R125 combined: maximum credit, 1 course		

**Microbiology**

Course ID	Title	Units/ Hours
MICR R100	Principles of Microbiology	3
MICR R100L	Principles of Microbiology Laboratory	2

**Music**

Course ID	Title	Units/ Hours
MUS R101	Fundamentals of Music	3
MUS R103	Music Appreciation	3
MUS R106	College Choir	1
MUS R107A	Class Piano I	2
MUS R107B	Class Piano II	2
MUS R107C	Class Piano III	2
MUS R107D	Class Piano IV	2
MUS R109	Music of Latin America	3
MUS R116	History of Rock Music	3
MUS R118A	Guitar I	2
MUS R118B	Guitar II	2
MUS R118C	Guitar III	2
MUS R118D	Guitar IV	2
MUS R126	Mariachi Ensemble	1
MUS R140	Introduction to Music Technology	2

**Personal Growth**

Course ID	Title	Units/ Hours
PG R100A	Student Success: EOPS *	1
PG R100B	Student Success: Strategies for Academic Success *	1
PG R101	Career Development and Life Planning *	3
PG R102	College Success *	3
* PG R100A, PG R100B, PG R101 and PG R102 combined: maximum credit, 1 course		

**Philosophy**

Course ID	Title	Units/ Hours
PHIL R100	Critical Thinking *	3
PHIL R101	Introduction to Philosophy	3
PHIL R101H	Honors: Introduction to Philosophy	3

PHIL R102	Introduction to Ethics	3
PHIL R102H	Honors: Introduction to Ethics	3
PHIL R103	Survey of World Religions: East	3
PHIL R104	Survey of World Religions: West	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R107	Introduction to Logic	3
PHIL R108	World Mythology	3
PHIL R110	Philosophy of Religion	3
PHIL R111	Critical Thinking and Analytic Writing *	3
PHIL R112	Symbolic Logic	3
PHIL R114	Social Philosophy	3
PHIL R115	Comparative World Religions	3
PHIL R115H	Honors: Comparative World Religions	3
PHIL R116	Contemporary Moral Issues	3

\* PHIL R100 and PHIL R111 combined: maximum credit, 1 course

## Physical Science

Course ID	Title	Units/ Hours
PHSC R170	Concepts in Physical Science *	4

\* No credit if taken after a college level course in Chemistry or Physics

## Physics

Course ID	Title	Units/ Hours
PHYS R101	College Physics 1 *	4
PHYS R101L	College Physics 1 Laboratory *	1
PHYS R102	College Physics 2 *	4
PHYS R102L	College Physics 2 Laboratory *	1
PHYS R121	Physics with Calculus 1 *	5
PHYS R122	Physics with Calculus 2 *	5
PHYS R131	Physics for Scientists and Engineers 1 *	5
PHYS R132	Physics for Scientists and Engineers 2 *	5
PHYS R133	Physics for Scientists and Engineers 3 *	5

\* PHYS R101, PHYS R101L, PHYS R102, PHYS R102L, PHYS R121, PHYS R122, PHYS R131, PHYS R132, PHYS R133 combined: maximum credit, 1 series

## Physiology

Course ID	Title	Units/ Hours
PHSO R101	Human Physiology	5

## Political Science

Course ID	Title	Units/ Hours
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3
POLS R104	Introduction to International Relations	3
POLS R108	Comparative Politics	3
POLS R120	Political Theory	3
POLS R125	U.S. Foreign Policy and Covert Action	3

POLS R125H	Honors: U.S. Foreign Policy and Covert Action	3
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## Psychology

Course ID	Title	Units/ Hours
PSY R101	General Psychology	3
PSY R101H	Honors: General Psychology	3
PSY R102	Interpersonal Relations	3
PSY R103	Beginning Statistics for Behavioral Science *	3
PSY R104	Research Methods in Psychology	3
PSY R105	Introduction to Physiological Psychology	3
PSY R108	Developmental Psychology	3
PSY R110	Human Sexuality	3
PSY R122	Psychology of Gender	3
PSY R131	Abnormal Psychology	3

\* PSY R103, MATH R105, SOC R125 combined: maximum credit, 1 course

## Reading

Course ID	Title	Units/ Hours
READ R105	Critical Reading	3

## Social Justice Studies

Course ID	Title	Units/ Hours
SJS R110	Introduction to Social Justice Studies	3
SJS R120	Introduction to Women's Studies	3
SJS R130	Introduction to LGBTQ Studies	3

## Sociology

Course ID	Title	Units/ Hours
SOC R101	Introduction to Sociology	3
SOC R101H	Honors: Introduction to Sociology	3
SOC R102	Social Problems	3
SOC R103	Race and Ethnic Relations	3
SOC R106	Contemporary Family in American Society	3
SOC R108	Sociology of the Chicano Community	3
SOC R111	Introduction to Social Research	3
SOC R114	Social Philosophy	3
SOC R116	Crime and Society	3
SOC R119	Introduction to Social Work and Human Services	3
SOC R125	Statistics for the Behavioral and Social Sciences *	3
SOC R140	Sociology of Gender	3

\* SOC R125, MATH R105 and PSY R103 combined: maximum credit, 1 course

## Spanish

Course ID	Title	Units/ Hours
SPAN R100	Elementary Spanish I *	4
SPAN R110	Elementary Spanish II	4

SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
SPAN R220H	Honors: Spanish for Heritage Speakers I	4
SPAN R230	Spanish for Heritage Speakers II	4
SPAN R230H	Honors: Spanish for Heritage Speakers II	4
SPAN R232	Latin American Literature	3
SPAN R232H	Honors: Latin American Literature	3
SPAN R234	Latin American and Spanish Film	3
SPAN R236	Cultures of Latin America	3
SPAN R236H	Honors: Cultures of Latin America	3

\* Corresponds to two years of high school study

## Theater

Course ID	Title	Units/ Hours
THTR R111	Introduction to Theatre	3
THTR R151	Acting I	3
THTR R191	Theatre Production: Performance I	3

## Urban Studies

Course ID	Title	Units/ Hours
URBS R101	Introduction to Urban Studies	3

## IGETC 2023-2024

A minimum of a "C" grade is required in each college course for IGETC. A "C" is defined as a minimum 2.0 grade points on a 4.0 scale. Each course must be at least 3 semester/4 quarter units (except Science Lab courses in Area 5C)

## Area 1 - English Communication

CSU: Complete one course from each Area: 1A, 1B, & 1C.

UC: complete one course from area 1A and one course from area 1B.

Each course must be at least 3 semester units (4 quarter units).

### 1A. English Composition

No IB scores are accepted for this area.

Course ID	Title	Units/ Hours
ENGL R101	College Composition	4
or ENGL R101H	Honors: College Composition	

### 1B. Critical Thinking - English Composition

No AP or IB scores are accepted for this area.

Course ID	Title	Units/ Hours
ENGL R102	Critical Thinking through Composition and Literature	4
or ENGL R102H	Honors: Critical Thinking through Composition and Literature	

ENGL R128	Composition and Critical Thinking through Non-Fiction	3
PHIL R111	Critical Thinking and Analytic Writing	3

### 1C. Oral Communication (CSU requirement only)

No AP or IB scores are accepted for this area.

Course ID	Title	Units/ Hours
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3
COMM R110	Small Group Communication	3
COMM R111	Interpersonal Communication	3

## Area 2 - Mathematical Concepts and Quantitative Reasoning

Complete one course of at least 3 semester units (4 quarter units) in Area 2.

### 2. Mathematical Concepts and Quantitative Reasoning

Course ID	Title	Units/ Hours
MATH R101	Mathematics for the Liberal Arts Major	3
MATH R105	Introductory Statistics	4
or MATH R105H	Honors: Introductory Statistics	
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
PSY R103	Beginning Statistics for Behavioral Science	3
SOC R125	Statistics for the Behavioral and Social Sciences	3

## Area 3 - Arts and Humanities

Complete at least 3 courses of at least 3 semester units each (4 quarter units) for a total of 9 semester units (12 quarter units) in Area 3. One course must be from Area 3A Arts and one course must be from Area 3B Humanities. The third course may be from either Area 3A or 3B.

### 3A. Arts

Course ID	Title	Units/ Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R103H	Honors: Western Art II: Renaissance to Contemporary	3

ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
DANC R100	Dance Appreciation	3
FTVE R107	History of Film	3
MUS R101	Fundamentals of Music	3
MUS R103	Music Appreciation	3
MUS R109	Music of Latin America	3
MUS R116	History of Rock Music	3
SPAN R234	Latin American and Spanish Film	3
THTR R111	Introduction to Theatre	3

### 3B. Humanities

Course ID	Title	Units/ Hours
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R116	Science, Technology, and Human Values	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3
ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R129	Introduction to Latinx Literature	3
ESL R100	College Writing Preparation for Non-Native Speakers	4
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
MUS R109	Music of Latin America	3

PHIL R101	Introduction to Philosophy	3
or PHIL R101H	Honors: Introduction to Philosophy	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
PHIL R103	Survey of World Religions: East	3
PHIL R104	Survey of World Religions: West	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R108	World Mythology	3
PHIL R110	Philosophy of Religion	3
PHIL R114	Social Philosophy	3
PHIL R115	Comparative World Religions	3
or PHIL R115H	Honors: Comparative World Religions	
PHIL R116	Contemporary Moral Issues	3
SOC R114	Social Philosophy	3
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	
SPAN R236	Cultures of Latin America	3
or SPAN R236H	Honors: Cultures of Latin America	

## Area 4 - Social and Behavioral Sciences

Complete at least 2 courses, of at least 3 semester units each (4 quarter units) from at least 2 academic disciplines for a total of 6 semester (8 quarter units) in Area 4.

### 4. Social and Behavioral Sciences

Course ID	Title	Units/ Hours
ADS R131	Abnormal Psychology	3
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	
ANTH R103	Introduction to Archaeology	3
ANTH R105	Sex, Gender and Culture	3
ANTH R106	Psychological Anthropology	3
ANTH R107	The Anthropology of Native Americans *	3
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R114	African American Culture and Experience	3
ANTH R115	Introduction to Language and Culture	3
ANTH R116	Science, Technology, and Human Values	3
ANTH R119	Introduction to Border Studies	3
ASL R110	Introduction to Deaf Studies	3
BRS R101	Introduction to Border Studies	3

CHST R101	Introduction to Chicana/o Studies	3	POLS R108	Comparative Politics	3
CHST R102	Chicana/o Cultural Identity	3	POLS R120	Political Theory	3
CHST R107	History of Mexicans in the United States	3	POLS R125	U.S. Foreign Policy and Covert Action	3
CHST R108	Sociology of the Chicano Community	3	or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
COMM R102	Introduction to Communication Studies	3	PSY R101	General Psychology	3
COMM R111	Interpersonal Communication	3	or PSY R101H	Honors: General Psychology	
COMM R113	Intercultural Communication	3	PSY R104	Research Methods in Psychology	3
ECE R102	Child Growth and Development	3	PSY R108	Developmental Psychology	3
ECON R100	Introduction to Economics and Contemporary Economics Issues	3	PSY R110	Human Sexuality	3
ECON R201	Introduction to the Principles of Microeconomics	3	PSY R122	Psychology of Gender	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics		PSY R131	Abnormal Psychology	3
ECON R202	Introduction to the Principles of Macroeconomics	3	SJS R110	Introduction to Social Justice Studies	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics		SJS R120	Introduction to Women's Studies	3
ETHS R107	The Anthropology of Native Americans *	3	SJS R130	Introduction to LGBTQ Studies	3
ETHS R110	Introduction to Social Justice Studies	3	SOC R101	Introduction to Sociology	3
ETHS R114	African American Culture and Experience	3	or SOC R101H	Honors: Introduction to Sociology	
ETHS R119	Introduction to Border Studies	3	SOC R102	Social Problems	3
GEOG R102	World Regional Geography	3	SOC R103	Race and Ethnic Relations	3
GEOG R104	Geography of California	3	SOC R106	Contemporary Family in American Society	3
GEOG R105	Introduction to Human Geography	3	SOC R108	Sociology of the Chicano Community	3
GLST R101	Introduction to Global Studies	3	SOC R111	Introduction to Social Research	3
GLST R102	Global Issues and Problems	3	SOC R114	Social Philosophy	3
HED R113	Introduction to Public Health	3	SOC R116	Crime and Society	3
HIST R104	History of California	3	SOC R119	Introduction to Social Work and Human Services	3
HIST R107	History of Mexicans in the United States	3	SOC R140	Sociology of Gender	3
HIST R108	African-American History	3	URBS R101	Introduction to Urban Studies	3
HIST R109	History of Mexico	3			
HIST R110	History of the Middle East	3			
HIST R117	History of American Women	3			
HIST R124	Sports in American History	3			
HIST R125	U.S. Foreign Policy and Covert Action	3			
or HIST R125H	Honors: U.S. Foreign Policy and Covert Action				
HIST R126	History of Latin America	3			
HIST R130	History of the United States I	3			
or HIST R130H	Honors: History of the United States I				
HIST R140	History of the United States II	3			
or HIST R140H	Honors: History of the United States II				
HIST R150	World History I	3			
or HIST R150H	Honors: World History I				
HIST R160	World History II	3			
or HIST R160H	Honors: World History II				
IDS R102	Science, Technology, and Human Values	3			
PHIL R114	Social Philosophy	3			
POLS R100	Introduction to Politics	3			
POLS R101	Government of the United States I: Institutions and Politics	3			
POLS R102	Introduction to Law and Society	3			
POLS R104	Introduction to International Relations	3			

\*This course also meets CSU Ethnic Studies Graduation Requirement

## Area 5 - Physical and Biological Sciences

Complete one course from Area 5A and one from Area 5B; one of which must include a laboratory (listed in Area 5C) corresponding to selected lecture course; 7 semester units (9 quarter units) in Area 5. Each course must be at least 3 semester units (4 quarter units), except separate lab courses.

### 5A. Physical Science

Course ID	Title	Units/ Hours
AST R101	Introduction to Astronomy	3
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
GEOG R101	Elements of Physical Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R103	Introduction to Oceanography	3
GEOL R114	Historical Geology	3
GEOL R121	Earth Science with Laboratory	4



GEOL R130	Environmental Geology	3
MST R103	Introduction to Oceanography	3
PHSC R170	Concepts in Physical Science	4
PHYS R101	College Physics 1	4
PHYS R102	College Physics 2	4
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

## 5B. Biological Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

## 5C. Laboratory Science

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101L	Introduction to Biological Anthropology Lab	1
AST R101L	Astronomy Laboratory	1
BIOL R100L	Marine Biology Laboratory	1
BIOL R101L	General Biology Laboratory	1
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155L	Principles of Botany Laboratory	1
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
ESRM R100L	Introduction to Environmental Science Laboratory	1
GEOG R101L	Physical Geography Laboratory	1
GEOL R101L	Physical Geology Laboratory	1
GEOL R103L	Introduction to Oceanography Laboratory	1

GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
MICR R100L	Principles of Microbiology Laboratory	2
MST R100L	Marine Biology Laboratory	1
MST R103L	Introduction to Oceanography Laboratory	1
PHSC R170	Concepts in Physical Science	4
PHSO R101	Human Physiology	5
PHYS R101L	College Physics 1 Laboratory	1
PHYS R102L	College Physics 2 Laboratory	1
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

## Area 6 - Language other than English (UC Requirement only)

Students must demonstrate proficiency equivalent to two years of high school in the same language with a "C-" or better (a C- is only acceptable for high school coursework), or one of the following college courses with a "C" or better.

### 6. Language other than English

Course ID	Title	Units/ Hours
ASL R101	American Sign Language 1	4
ASL R102	American Sign Language 2	4
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
SPAN R100	Elementary Spanish I	4
SPAN R110	Elementary Spanish II	4
SPAN R200	Intermediate Spanish I	4
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	

## Area 7 - Ethnic Studies

Complete one course of at least 3 semester units (4 quarter units) in Area 7. This course must be in ethnic studies or in a similar field provided the course is co-listed with ethnic studies and must be completed Fall 2023 or later.

Course ID	Title	Units/ Hours
CHST R101	Introduction to Chicana/o Studies	3
ETHS R107	The Anthropology of Native Americans	3
or ANTH R107	The Anthropology of Native Americans	
ETHS R119	Introduction to Border Studies	3
or BRS R101	Introduction to Border Studies	
or ANTH R119	Introduction to Border Studies	

## CSU Graduation Requirement in U.S. History, Constitution and American Ideals

While not a part of IGETC, this CSU graduation requirement may be completed prior to transfer. Complete one course from Group 1 and one course from Group 2 for a total of 6 semester units (8 quarter units). The same courses may also be used to satisfy requirements in Area 4 at the discretion of the CSU campus.

### Group 1

US-1 (Historical Development of American Institutions and Ideals)

Course ID	Title	Units/Hours
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R117	History of American Women	3
HIST R130 or HIST R130H	History of the United States I Honors: History of the United States I	3
HIST R140 or HIST R140H	History of the United States II Honors: History of the United States II	3

### Group 2

US-2 (U.S. Constitution and Government)

Course ID	Title	Units/Hours
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3

All POLS courses listed in Group 2 also meet Group US3 - California State and local government.

## Notes:

- Courses on this list change from year to year. To fulfill an area above, a course must be approved in that area during the semester the course is taken. Courses are submitted for approval for IGETC by each college and therefore approvals may vary by college. Always check on ASSIST.org for courses approved to meet IGETC areas for Oxnard College before registering for a course.
- Certification of coursework completed for IGETC will be honored provided that a course was on a college's approved IGETC list when it was completed.
- Courses listed in more than one area shall not be certified in more than one area, except combined lecture/lab science courses or courses used to meet AREA 6-LOTE.
- Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed.
- Students who complete IGETC may also apply for a Certificate of Achievement.

## IGETC for STEM 2023-2024

### Area 1 - English Communication

CSU: complete one course from each Area: 1A, 1B, & 1C.

UC: complete one course from Area 1A and one course from Area 1B.

Each course must be 3 semester units (4 quarter units).

### 1A. English Composition

No IB scores are accepted for this area.

Course ID	Title	Units/Hours
ENGL R101 or ENGL R101H	College Composition Honors: College Composition	4

### 1B. Critical Thinking - English Composition

No AP or IB scores are accepted for this area. Courses must have English Composition as a prerequisite.

Course ID	Title	Units/Hours
ENGL R102 or ENGL R102H	Critical Thinking through Composition and Literature Honors: Critical Thinking through Composition and Literature	4
ENGL R128	Composition and Critical Thinking through Non-Fiction	3
PHIL R111	Critical Thinking and Analytic Writing	3

### 1C. Oral Communication (CSU requirement only)

No AP or IB scores are accepted for this area.

Course ID	Title	Units/Hours
COMM R101	Introduction to Oral Communication	3
COMM R107	Argumentation and Debate	3
COMM R110	Small Group Communication	3
COMM R111	Interpersonal Communication	3

## Area 2 - Mathematical Concepts and Quantitative Reasoning

Complete one course of at least 3 semester units (4 quarter units) in Area 2.

### 2. Mathematical Concepts and Quantitative Reasoning

Course ID	Title	Units/Hours
MATH R101	Mathematics for the Liberal Arts Major	3
MATH R105 or MATH R105H	Introductory Statistics Honors: Introductory Statistics	4
MATH R106	Business Calculus	4
MATH R115	College Algebra	4
MATH R117	Precalculus and Trigonometry	6
MATH R120	Calculus with Analytic Geometry I	5
MATH R121	Calculus with Analytic Geometry II	5
MATH R122	Calculus with Analytic Geometry III	5
MATH R134	Linear Algebra	3
MATH R143	Differential Equations	3
PSY R103	Beginning Statistics for Behavioral Science	3

SOC R125	Statistics for the Behavioral and Social Sciences	3
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## Area 3 - Arts and Humanities

Complete two courses of at least 3 semester units each (4 quarter units) for a total of 6 semester units (8 quarter units). One course must be from Area 3A Arts and one course must be from Area 3B Humanities.

### 3A. Arts

Course ID	Title	Units/ Hours
ART R101	Introduction to Art and Visual Culture	3
ART R102	Western Art I: Prehistory through the Middle Ages	3
ART R102H	Honors: Western Art I: Prehistory through the Middle Ages	3
ART R103	Western Art II: Renaissance to Contemporary	3
ART R103H	Honors: Western Art II: Renaissance to Contemporary	3
ART R171	Modern Art	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
DANC R100	Dance Appreciation	3
FTVE R107	History of Film	3
MUS R101	Fundamentals of Music	3
MUS R103	Music Appreciation	3
MUS R109	Music of Latin America	3
MUS R116	History of Rock Music	3
SPAN R234	Latin American and Spanish Film	3
THTR R111	Introduction to Theatre	3

### 3B. Humanities

Course ID	Title	Units/ Hours
ANTH R110	People of the World: The Cultures of Globalization and Change	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R113	Ancient Civilizations of the Americas	3
ANTH R116	Science, Technology, and Human Values	3
ART R172	Art of the Ancient Americas	3
ART R172H	Honors: Art of the Ancient Americas	3
ART R174	Latin American Art	3
ART R174H	Honors: Latin American Art	3
ASL R103	American Sign Language 3	4
ASL R104	American Sign Language 4	4
ASL R110	Introduction to Deaf Studies	3
ENGL R104	English Literature I	3
ENGL R105	English Literature II	3

ENGL R107	American Literature I	3
ENGL R108	American Literature II	3
ENGL R111	Shakespeare	3
ENGL R112	Literature by Women	3
ENGL R124	Introduction to LGBTIQ Literature	3
ENGL R125	Children's Literature	3
ENGL R126	Introduction to Chicana/o Literature	3
ENGL R129	Introduction to Latinx Literature	3
ESL R100	College Writing Preparation for Non-Native Speakers	4
HIST R108	African-American History	3
HIST R109	History of Mexico	3
HIST R110	History of the Middle East	3
HIST R150	World History I	3
or HIST R150H	Honors: World History I	
HIST R160	World History II	3
or HIST R160H	Honors: World History II	
IDS R102	Science, Technology, and Human Values	3
MUS R109	Music of Latin America	3
PHIL R101	Introduction to Philosophy	3
or PHIL R101H	Honors: Introduction to Philosophy	
PHIL R102	Introduction to Ethics	3
or PHIL R102H	Honors: Introduction to Ethics	
PHIL R103	Survey of World Religions: East	3
PHIL R104	Survey of World Religions: West	3
PHIL R105	History of Ancient and Medieval Philosophy	3
PHIL R106	History of Modern Philosophy	3
PHIL R108	World Mythology	3
PHIL R110	Philosophy of Religion	3
PHIL R114	Social Philosophy	3
PHIL R115	Comparative World Religions	3
or PHIL R115H	Honors: Comparative World Religions	
PHIL R116	Contemporary Moral Issues	3
SOC R114	Social Philosophy	3
SPAN R210	Intermediate Spanish II	4
SPAN R220	Spanish for Heritage Speakers I	4
or SPAN R220H	Honors: Spanish for Heritage Speakers I	
SPAN R230	Spanish for Heritage Speakers II	4
or SPAN R230H	Honors: Spanish for Heritage Speakers II	
SPAN R232	Latin American Literature	3
or SPAN R232H	Honors: Latin American Literature	
SPAN R236	Cultures of Latin America	3
or SPAN R236H	Honors: Cultures of Latin America	

## Area 4 - Social and Behavioral Sciences

Complete one course of at least 3 semester units (4 quarter units).

### 4. Social and Behavioral Sciences

Course ID	Title	Units/ Hours
ADS R131	Abnormal Psychology	3
ANTH R102	Introduction to Cultural Anthropology	3
or ANTH R102H	Honors: Introduction to Cultural Anthropology	

ANTH R103	Introduction to Archaeology	3	or HIST R125H	Honors: U.S. Foreign Policy and Covert Action	
ANTH R105	Sex, Gender and Culture	3	HIST R126	History of Latin America	3
ANTH R106	Psychological Anthropology	3	HIST R130	History of the United States I	3
ANTH R107	The Anthropology of Native Americans *	3	or HIST R130H	Honors: History of the United States I	
ANTH R110	People of the World: The Cultures of Globalization and Change	3	HIST R140	History of the United States II	3
ANTH R111	Magic, Witchcraft and Religion: Anthropology of Belief	3	or HIST R140H	Honors: History of the United States II	
or ANTH R111H	Honors: Magic, Witchcraft and Religion: Anthropology of Belief		HIST R150	World History I	3
ANTH R113	Ancient Civilizations of the Americas	3	or HIST R150H	Honors: World History I	
ANTH R114	African American Culture and Experience	3	HIST R160	World History II	3
ANTH R115	Introduction to Language and Culture	3	or HIST R160H	Honors: World History II	
ANTH R116	Science, Technology, and Human Values	3	IDS R102	Science, Technology, and Human Values	3
ANTH R119	Introduction to Border Studies	3	PHIL R114	Social Philosophy	3
ASL R110	Introduction to Deaf Studies	3	POLS R100	Introduction to Politics	3
BRS R101	Introduction to Border Studies	3	POLS R101	Government of the United States I: Institutions and Politics	3
CHST R101	Introduction to Chicana/o Studies	3	POLS R102	Introduction to Law and Society	3
CHST R102	Chicana/o Cultural Identity	3	POLS R104	Introduction to International Relations	3
CHST R107	History of Mexicans in the United States	3	POLS R108	Comparative Politics	3
CHST R108	Sociology of the Chicano Community	3	POLS R120	Political Theory	3
COMM R102	Introduction to Communication Studies	3	POLS R125	U.S. Foreign Policy and Covert Action	3
COMM R111	Interpersonal Communication	3	or POLS R125H	Honors: U.S. Foreign Policy and Covert Action	
COMM R113	Intercultural Communication	3	PSY R101	General Psychology	3
ECE R102	Child Growth and Development	3	or PSY R101H	Honors: General Psychology	
ECON R100	Introduction to Economics and Contemporary Economics Issues	3	PSY R104	Research Methods in Psychology	3
ECON R201	Introduction to the Principles of Microeconomics	3	PSY R108	Developmental Psychology	3
or ECON R201H	Honors: Introduction to the Principles of Microeconomics		PSY R110	Human Sexuality	3
ECON R202	Introduction to the Principles of Macroeconomics	3	PSY R122	Psychology of Gender	3
or ECON R202H	Honors: Introduction to the Principles of Macroeconomics		PSY R131	Abnormal Psychology	3
ETHS R107	The Anthropology of Native Americans *	3	SJS R110	Introduction to Social Justice Studies	3
ETHS R110	Introduction to Social Justice Studies	3	SJS R120	Introduction to Women's Studies	3
ETHS R114	African American Culture and Experience	3	SJS R130	Introduction to LGBTQ Studies	3
ETHS R119	Introduction to Border Studies	3	SOC R101	Introduction to Sociology	3
GEOG R102	World Regional Geography	3	or SOC R101H	Honors: Introduction to Sociology	
GEOG R104	Geography of California	3	SOC R102	Social Problems	3
GEOG R105	Introduction to Human Geography	3	SOC R103	Race and Ethnic Relations	3
GLST R101	Introduction to Global Studies	3	SOC R106	Contemporary Family in American Society	3
GLST R102	Global Issues and Problems	3	SOC R108	Sociology of the Chicano Community	3
HED R113	Introduction to Public Health	3	SOC R111	Introduction to Social Research	3
HIST R104	History of California	3	SOC R114	Social Philosophy	3
HIST R107	History of Mexicans in the United States	3	SOC R116	Crime and Society	3
HIST R108	African-American History	3	SOC R119	Introduction to Social Work and Human Services	3
HIST R109	History of Mexico	3	SOC R140	Sociology of Gender	3
HIST R110	History of the Middle East	3	URBS R101	Introduction to Urban Studies	3
HIST R117	History of American Women	3			
HIST R124	Sports in American History	3			
HIST R125	U.S. Foreign Policy and Covert Action	3			

\*course also meets CSU Ethnic Studies Grad Requirement

## Area 5 - Physical and Biological Sciences

Complete 2 courses for a total of 7-9 semester units (9-12 quarter units). One course must be from Area 5A Physical Science and one course must be from Area 5B Biological Science. At least one of the two courses must include a laboratory to fulfill Area 5C.

**5A. Physical Science**

Course ID	Title	Units/ Hours
AST R101	Introduction to Astronomy	3
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
GEOG R101	Elements of Physical Geography	3
GEOG R103	Introduction to Weather and Climate	3
GEOL R101	Physical Geology	3
GEOL R103	Introduction to Oceanography	3
GEOL R114	Historical Geology	3
GEOL R121	Earth Science with Laboratory	4
GEOL R130	Environmental Geology	3
MST R103	Introduction to Oceanography	3
PHSC R170	Concepts in Physical Science	4
PHYS R101	College Physics 1	4
PHYS R102	College Physics 2	4
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

**5B. Biological Science**

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101	Introduction to Biological Anthropology	3
or ANTH R101H	Honors: Introduction to Biological Anthropology	
BIOL R100	Marine Biology	3
BIOL R101	General Biology	3
or BIOL R101H	Honors: General Biology	
BIOL R120	Principles of Biology I	4
BIOL R122	Principles of Biology II	4
BIOL R155	Principles of Botany	3
ESRM R100	Introduction to Environmental Science	3
MICR R100	Principles of Microbiology	3
MST R100	Marine Biology	3
PHSO R101	Human Physiology	5
PSY R105	Introduction to Physiological Psychology	3

**5C. Laboratory Science**

Course ID	Title	Units/ Hours
ANAT R101	General Human Anatomy	4
ANTH R101L	Introduction to Biological Anthropology Lab	1
AST R101L	Astronomy Laboratory	1
BIOL R100L	Marine Biology Laboratory	1

BIOL R101L	General Biology Laboratory	1
BIOL R120L	Principles of Biology I Lab: Intro to Cellular and Molecular Biology	1
BIOL R122L	Principles of Biology II Laboratory	1
BIOL R155L	Principles of Botany Laboratory	1
CHEM R110	Elementary Chemistry	5
CHEM R112	Elementary Organic and Biological Chemistry	5
CHEM R120	General Chemistry I	5
CHEM R122	General Chemistry II	5
CHEM R130	Organic Chemistry I	5
CHEM R132	Organic Chemistry II	5
GEOG R101L	Physical Geography Laboratory	1
GEOL R101L	Physical Geology Laboratory	1
GEOL R103L	Introduction to Oceanography Laboratory	1
GEOL R114L	Historical Geology Laboratory	1
GEOL R121	Earth Science with Laboratory	4
MICR R100L	Principles of Microbiology Laboratory	2
MST R100L	Marine Biology Laboratory	1
MST R103L	Introduction to Oceanography Laboratory	1
PHSC R170	Concepts in Physical Science	4
PHSO R101	Human Physiology	5
PHYS R101L	College Physics 1 Laboratory	1
PHYS R102L	College Physics 2 Laboratory	1
PHYS R121	Physics with Calculus 1	5
PHYS R122	Physics with Calculus 2	5
PHYS R131	Physics for Scientists and Engineers 1	5
PHYS R132	Physics for Scientists and Engineers 2	5
PHYS R133	Physics for Scientists and Engineers 3	5

**Area 6 - Language other than English (UC Requirement only)**

Students must demonstrate proficiency equivalent to two years of high school in the same language with a grade of "C-" or better (A grade of "C-" is only accepted for high school courses) or complete one college course with a grade of "C" or better after transfer when following IGETC for STEM.

**Area 7 - Ethnic Studies**

Complete one course of at least 3 semester units (4 quarter units) in Area 7. This course must be in ethnic studies or in a similar field provided that the course is cross-listed with ethnic studies and must be completed Fall 2023 or later.

Course ID	Title	Units/ Hours
CHST R101	Introduction to Chicana/o Studies	3
ETHS R107	The Anthropology of Native Americans	3
or ANTH R107	The Anthropology of Native Americans	
ETHS R119	Introduction to Border Studies	3
or ANTH R119	Introduction to Border Studies	
or BRS R101	Introduction to Border Studies	



## CSU Graduation Requirement in U.S. History, Constitution and American Ideals

While not part of IGETC, this CSU graduation requirement may be completed prior to transfer. Complete one course from Group 1 and one course from Group 2 for a total of 6 semester units. The same courses may also be used to satisfy requirements in Area 4 at the discretion of the CSU campus.

### Group 1

US-1 (Historical Development of American Institutions and Ideals)

Course ID	Title	Units/ Hours
CHST/HIST R107	History of Mexicans in the United States	3
HIST R108	African-American History	3
HIST R117	History of American Women	3
HIST R130	History of the United States I	3
or HIST R130H	Honors: History of the United States I	
HIST R140	History of the United States II	3
or HIST R140H	Honors: History of the United States II	

### Group 2

US-2 (U.S. Constitution and Government)

Course ID	Title	Units/ Hours
POLS R100	Introduction to Politics	3
POLS R101	Government of the United States I: Institutions and Politics	3
POLS R102	Introduction to Law and Society	3

All POLS courses listed in Group 2 also meet Group US3 California State and local government requirement.

## Notes:

- Courses on this list change from year to year. To fulfill an area above, a course must be approved in that area during the semester the course is taken. Always check on ASSIST.org for Oxnard College before registering for a course.
- Certification of coursework completed for IGETC will be honored provided that a course was on a college's approved IGETC list when it was completed.
- Courses listed in more than one area shall not be certified in more than one area, except combined lecture/lab science courses or courses used to meet AREA 6-LOTE.
- Credit will not be awarded for both the honors and regular versions of a course. Credit will be awarded only for the first course completed.
- IGETC for STEM is only available to students earning an AS-T in Biology, Chemistry, or Environmental Science.
- Students completing IGETC for STEM will be required, after transfer, to complete the following remaining lower-division general education requirements: one course in Area 3, one course in Area 4 (in a different discipline from the first Area 4 course); and one course in Area 6 for UC-Bound students who have not satisfied it through proficiency. Note: These deferred lower division courses must be replaced with calculus and/or science courses required by the major before transfer.

- UC will accept IGETC for STEM if the UC school/college/major/program to which the student transfers accepts partial IGETC certification.

## Intersegmental General Education Transfer Curriculum

### What is the IGETC?

The IGETC (Intersegmental General Education Transfer Curriculum) is a comprehensive pattern of courses that prospective California community college (CCC) transfer students may use to fulfill lower-division general education requirements in either the University of California (UC) or the California State University (CSU) system without the need, after transfer, to take additional lower-division general education courses. The IGETC pattern is most useful for students who want to keep their options open before making a final decision about transferring to a particular UC or CSU campus. Completion of IGETC does NOT guarantee admission, nor is it required for admission. Many independent, private and out-of-state colleges and universities will also accept the IGETC as meeting full or partial general education requirements.

If you have completed substantial coursework from institutions outside the United States, consult a counselor to determine whether you should complete IGETC or the lower-division breadth/general education requirements at the campus you plan to attend. In addition, some transfer students in some colleges or majors must follow a more prescribed lower-division curriculum than IGETC allows.

### Students Eligible to Use the IGETC

The IGETC was developed by the Academic Senates of the CCC, UC, and CSU for use by California community college (CCC) transfer students. A student may be IGETC certified if they have completed coursework at any CCC without regard to current enrollment status or the number of units accrued at a CCC. Students who initially enroll at a UC or CSU campus, then leave and attend a community college, and subsequently return to a different UC or CSU campus may use the IGETC.

### Students NOT Eligible to Use the IGETC

Students who initially enroll at a UC campus, then leave and attend a community college, and subsequently return to the same campus are considered "readmits" by the UC. Such students cannot use the IGETC. CSU does not have a system-wide policy that addresses these students and situations. Questions regarding the appropriate use of IGETC for a student who was initially enrolled at a CSU should be directed to the specific campus to which the student wishes to transfer.

### Students Who Should Follow IGETC

IGETC is most helpful to students who want to keep their options open - specifically, those who know they want to transfer but haven't yet decided upon a particular institution, campus or major.

### Students Who Should NOT Follow IGETC

Students pursuing majors that require extensive lower-division major preparation may not find the IGETC option to be advantageous. Engineering, Architecture, and Liberal Studies are examples of those majors. Those students are advised to focus on completing their lower-division major preparation requirements while meeting minimum admission requirements (e.g., seven-course pattern) and are recommended to see a counselor for assistance in course selection.

## IGETC for STEM

The Intersegmental General Education Transfer Curriculum for Science, Technology, Engineering, Math (**IGETC for STEM**) is a separate IGETC track and is only available to students earning an Associate in Science Degree for Transfer (AS-T) in Biology, Chemistry, or Environmental Science at a CCC that offers IGETC for STEM as an option AND only if the UC major or program allows partial IGETC certification.

Students who intend to transfer into majors that require extensive lower-division preparation, such as the physical and natural sciences, technology, engineering, or mathematics should concentrate on completing the prerequisites for the major required by the individual UC campus.

### Is IGETC or IGETC for STEM an Admission Requirement?

IGETC is not an admission requirement. Completing it does not guarantee admission to the campus or program of choice. However, completing GE requirements, whether through IGETC or the campus-specific requirements, may be considered by the campus in selecting among qualified candidates. In fact, some campuses and programs may accept only students who complete IGETC. Students should check campus admission websites for information about the selection.

## Courses Appropriate for IGETC

Courses used towards satisfaction of the IGETC must be at the baccalaureate level and meet the specifications stated in the IGETC Standards, Policies & Procedures ([https://icas-ca.org/wp-content/uploads/2021/06/FINAL\\_IGETC\\_STANDARDS-2.2\\_1June2021.pdf](https://icas-ca.org/wp-content/uploads/2021/06/FINAL_IGETC_STANDARDS-2.2_1June2021.pdf)) for the specified GE area.

### Minimum Unit Value

A course must have a minimum unit value of 3 semester or 4 quarter units to meet the requirements for IGETC. Laboratory courses intended to accompany lecture courses are an exception to this guideline. It is not acceptable to take three 1 semester unit courses to fulfill a 3 unit requirement as the content of a 1 unit course will not provide the depth, scope and rigor of a single 3 unit course.

Exception: 3-quarter unit or 2 semester unit Math and English courses that satisfy IGETC Areas 1A or 2 may be applied if 1) they are a part of a sequence, 2) at least two of the 3-quarter or 2 semester unit courses as part of the same sequence have each been completed with "C" grade (2.0 on a 4.0 scale) or higher, and 3) the course sequence must meet the rigor and breadth of IGETC Standards.

When combining quarter and semester unit values within an IGETC area, units shall be converted to either all quarter units or all semester units to benefit the student

### Minimum Grade Requirements

A minimum "C" grade is required in each college course for IGETC. A "C" is defined as a minimum of 2.0 grade points on a 4.0 scale. A "C-" cannot be used for IGETC certification, except for the UC Language Other Than English (LOTE) requirement.

### Pass/Credit Grades

Courses in which a student receives a "Credit/Pass" grade may be certified for IGETC if the college's policy states that a "Credit or Pass" designation is equivalent to a grade of C or higher (2.0 grade points on a 4.0 scale). However, students are strongly advised that they must

take courses required for the major for a letter grade. In addition, it is important to keep in mind that some CSU and UC campuses may have limitations on the number of Credit/Pass courses and units accepted towards transfer, graduation, and major requirements. The UC system allows a maximum of 14 semester (21 quarter) units of courses graded "Pass/No Pass (Credit/No Credit) toward the 60 transferable semester units required for transfer admission.

## California Community College Coursework

Coursework completed at another California Community College (CCC) should be applied to the subject area in which it is listed by the institution where the work was completed. In addition, the course must have been IGETC approved in the area it was taken at the time it was taken. Approval dates can be verified by consulting the website [assist.org](https://assist.org) (<https://assist.org/>).

## United States Regionally Accredited Institutions Coursework

Coursework from all other United States regionally accredited institutions should be evaluated and deemed by the CCC faculty in the discipline or their designee to be comparable to coursework on that community college's approved IGETC course list before it is allowed to fulfill IGETC requirements. The course should then be used in the same subject areas as those for the community college completing the certification. Upper-division work may also be used in limited circumstances. See the latest version of the IGETC Standards ([https://icas-ca.org/wp-content/uploads/2021/06/FINAL\\_IGETC\\_STANDARDS-2.2\\_1June2021.pdf](https://icas-ca.org/wp-content/uploads/2021/06/FINAL_IGETC_STANDARDS-2.2_1June2021.pdf)) for criteria.

There is no limitation on the number of courses completed at other United States regionally accredited institutions that can be included in the IGETC certification.

## International Coursework

International coursework may be applied to IGETC if the international institution has United States regional accreditation. All other international coursework cannot be applied to IGETC, with the exception of Area 6, Language Other Than English (LOTE). These can be from non-United States institutions.

Students with a substantial amount of international coursework at a non-United States regionally accredited institution should be encouraged to follow the CSU or UC campus-specific general education pattern.

## Distance Education Courses

California Community College may use distance education for IGETC provided that the courses have been approved by the CSU and UC during the IGETC review process. Delivery modality does not determine CSU and UC approval

Non-CCC institutions distance education courses may be used towards IGETC. However, the courses must meet the same criteria and guidelines as other non-CCC courses as stated in the latest IGETC Standards.

## CSU U.S. History, Constitution, and American Ideals Requirements

The CSU U.S. History, Constitution, and American Ideals graduation requirement is not part of IGETC. Courses used to satisfy this requirement may also be listed in IGETC Subject Areas 3B and/or 4. CSU campuses have the discretion whether to allow courses used to satisfy

the CSU U.S. History, Constitution, and American Ideals graduation requirement to also count in Areas 3B and 4.

## Using AP and IB exams for IGETC

IGETC course credit may be earned with an acceptable score on Advanced Placement (AP) and International Baccalaureate (IB) exams as specified in the latest version of the IGETC Standards Policies and Procedures Manual (<https://icas-ca.org/igetc/standards-policies-and-procedures-manual/>).

Students who have earned credit from an AP or IB exam should not take a comparable college course because transfer credit will not be granted for both.

### Advanced Placement (AP)

The UC grants unit credit for College Board Advanced Placement (AP) examinations on which a student scores 3, 4 or 5. Elective units awarded may be applied to UC graduation requirements for specific subjects and/or for general education/breadth requirements, as determined by each UC campus. To see how AP credits are used for IGETC certification, refer to the Credit for Prior Learning, Advanced Placement Credit (AP for IGETC) Section of the Catalog.

### International Baccalaureate (IB)

The UC awards unit credit for International Baccalaureate (IB) examinations. A score of 5, 6 or 7 on Higher Level Exam is required to grant credit for IGETC certification. An acceptable IB score for IGETC equates to either 3 semester or 4 quarter units for certification purposes. To see how IB credits are used for IGETC certification, refer to the Credit for Prior Learning, International Baccalaureate Credit (IB for IGETC) Section of the Catalog.

### Credit by Exam

Credit by exam is acceptable provided that the transcript specifies the course title, unit value, grade, and is posted to a specific term. A "Credit/Pass" designation is acceptable provided that the institution's policy states that a "Credit/Pass" designation is equivalent to a "C" grade or higher (2.0 grade points on a 4.0 scale). The course must be deemed comparable by the CCC faculty in the discipline or its designee (e.g., Articulation Officer).

### Exams Not Applicable for IGETC

The UC does not award unit credit for the College Level Examination Program (CLEP), College Board, and ACT exams and therefore these cannot be used for IGETC certification.

The CSU has a system-wide policy for CLEP and other examinations awarding transfer credit for admission based on these exams. The CSU policy for CLEP can be found at [calstate.edu](http://calstate.edu) website

## Certification of IGETC

Moorpark College offers Full and Partial Certification of the IGETC. Students who have completed coursework at more than one CCCs should have their coursework certified by the last CCC they attended for a regular term (fall or spring for semester schools; fall, winter, or spring for quarter schools) prior to transfer. If a student requests certification from a CCC that is not the last school of attendance, it is at the discretion of that community college to certify. IGETC certification will be processed without regard to current enrollment status or the number of units accrued at a particular CCC.

NOTE: Students transferring to a CSU with a completed IGETC will still need to complete nine-semester units of upper-division general education and may be held to other campus-specific graduation requirements outside of general education and major coursework.

### Full Certification

It is strongly recommended that students complete the IGETC prior to transfer. Advantages of completing the IGETC may include more flexibility in class selection at the university and timely progress to degree completion. All UC and CSU campuses will accept the full and completed IGETC to satisfy all lower-division general education requirements.

There is no limit on the number of courses completed at other United States regionally accredited institutions that can be included in the IGETC certification. However, individual colleges or majors within a CSU or UC campus may not accept IGETC for meeting general education. A list of those UC colleges and majors can be found on the University of California (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/preparing-to-transfer/general-education-igetc/igetc/campus-guidance.html>) website. It is the student's responsibility to request IGETC Certification in the Counseling Office.

Before petitioning for IGETC certification, students are strongly urged to consult with their counselor and verify that they have fulfilled their IGETC requirements.

Note, UC Berkeley and UC Merced only accept full IGETC certification.

### First-time freshmen with IGETC Certification

Although the IGETC is intended to facilitate transfer from the California community colleges and improve time to degree for transfer students. With the rise of dual enrolment programs, all campuses except San Diego will honor full IGETC certification from a first-time freshman if the requirements were completed prior to entering UC and if the college/school and major would usually accept IGETC from a transfer student. Partial IGETC, however, will not be accepted from entering freshmen at any campuses.

### Partial Certification

California community colleges (CCC) transfer students may request and be granted partial certification of the IGETC if they are missing no more than two courses. However, students should verify that the transfer school, college, and/or major will accept partial certification. Students submitting partial IGETC certification should work with the transfer institution to determine how the missing courses can be completed requirements. Students who have been granted partial IGETC certification should not return to the community college for full certification.

UC Davis, Irvine, San Diego, Santa Barbara, and Santa Cruz accept partial IGETC certification.

UCLA and UC Riverside accept partial IGETC certification, except for the following majors and programs.

- Los Angeles – School of Engineering and Applied Science, School of Nursing, and School of Theater, Film and Television.
- Riverside – College of Natural and Agricultural Sciences

UC Berkeley and UC Merced do not accept partial certification for any of their programs and majors.

**NOTE:** Partial IGETC certification that acknowledges a deficiency in IGETC Areas 1 and/or 2 may indicate a student does not meet minimum transfer admission requirements.

## Certification of IGETC for STEM

A transfer student intending to obtain an Associate Degree for Transfer (ADT) in Biology, Chemistry, or Environmental Science may complete and be certified for IGETC for STEM. The UC will accept IGETC for STEM if the UC school/college/major program to which the student transfers accepts partial IGETC certification.

### Courses Needed for IGETC for STEM certification

IGETC for STEM certification requires the student to complete the following *before* transfer:

- All courses in Area 1 (except 1C for UC-bound students), Area 2, Area 5, and Area 7;
- One course in Area 3A; one course in Area 3B; and one course in Area 4 (the second Area 4 course will need to be from a different academic discipline). And,

The following should be completed *after* transfer:

- One remaining lower-division general education course in Area 3;
- One remaining lower-division general education course in Area 4 (in a different academic discipline from the first Area 4 course); and
- One course in Area 6 for UC-bound students who have not satisfied it through proficiency.

Note: These deferred lower-division courses must be replaced with calculus and/or science courses required by the major before transfer. More information can be found on the IGETC for STEM (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/glossary.html>) website.

### IGETC for STEM for CSU

If any specific Associate in Science for Transfer (AS-T) degree allows IGETC for STEM majors as its general education pattern, the specific courses that should replace the deferred lower-division general education courses may be indicated on the Transfer Model Curriculum (TMC) for that discipline.

## References:

- IGETC Standards, Policies & Procedures for Intersegmental General Education Transfer Curriculum (<https://icas-ca.org/igetc/standards-policies-and-procedures-manual/>) – *Version 2.4 (May 2023)*.
- Quick Reference Guide to UC Admissions (<https://admission.universityofcalifornia.edu/counselors/files/quick-reference.pdf>) - *For Counselors and Advisers August 2022*

## IGETC Rules by Campus

Each UC campus, program, and major has different rules and requirements for governing IGETC. Check with a counselor, the college website, the assist.org (<https://www.assist.org/>) website and/or Campus guidance | UC Admissions ([universityofcalifornia.edu](https://admission.universityofcalifornia.edu)) (<https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/preparing-to-transfer/general-education-igetc/igetc/campus-guidance.html>) to obtain the most up-to-date information.

If you have completed substantial coursework from institutions outside the United States, consult a counselor to determine whether you should complete IGETC or the lower-division breadth/general education requirements at the campus you plan to attend. In addition, some transfer students in some colleges or majors must follow a more prescribed lower-division curriculum than IGETC allows.

### UC Berkeley

- **College of Chemistry:** Completion of IGETC is not required. However, when completed by the end of the spring term before transferring to UC Berkeley, IGETC is accepted in satisfaction of the English Reading and Composition Requirement and the Foreign Language Requirement. IGETC does not necessarily satisfy the entire breadth requirement.
- **College of Engineering:** IGETC offered at California community colleges is not accepted as completion of breadth.
- **College of Environmental Design (CED) and the College of Letters and Science:** Completion of the IGETC will satisfy the college's breadth requirements.
- **Rausser College of Natural Resources:** IGETC does not fully satisfy lower-division requirements for this major. For some majors, IGETC does satisfy certain breadth requirements. The focus should be on fulfilling specific major's lower-division requirements.
- **Haas School of Business:** IGETC is not accepted.

### UC Davis

- All undergraduate colleges accept IGETC. However, Bachelor of Science degrees and selective majors, IGETC is not recommended; students should focus instead on completing major preparation and taking UC Davis general education pattern courses as time permits.

### UC Irvine

- All schools accept IGETC.

### UC Los Angeles

- **All Schools accept IGETC.** However, completion of IGETC is **NOT** required/encouraged for students applying to the School of Engineering; instead they should focus on lower-division major preparation prior to transfer. For the
- **School of Nursing and the School of Theater, Film and Television:** IGETC is required.

### UC Merced

- **School of Engineering:** IGETC is strongly discouraged but accepted; students are encouraged to focus on lower-division major preparation prior to transfer.
- **School of Natural Sciences:** IGETC is not recommended but is accepted; students are encouraged to focus on lower-division major preparation prior to transfer.
- **School of Social Sciences, Humanities, and Arts:** IGETC is recommended and students are encouraged to complete as much lower-division major preparation as possible prior to transfer.

### UC Riverside

- **College of Humanities, Arts and Social Sciences and the School of Business Administration:** IGETC is recommended.
- **College of Natural and Agricultural Sciences:** IGETC is not accepted.

- **The Marlan and Rosemary Bourns College of Engineering:** IGETC is acceptable; some additional coursework may be required after enrollment.

## UC San Diego

- **John Muir, Earl Warren, Eleanor Roosevelt, Thurgood Marshall, and Sixth Colleges:** IGETC clears all lower-division GE requirements; some upper-division courses required after enrollment.
- **Revelle College:** IGETC does not clear all lower-division GE requirements; students with IGETC are required to complete 3 courses in mathematics and 5 courses in natural science before transfer or while enrolled at UCSD.

## UC Santa Barbara

- **College of Creative Studies and College of Letters and Science:** IGETC is acceptable.
- **College of Engineering:** Students are encouraged to focus on major preparation rather than general education, but may use IGETC to substitute for general education requirements.

Please note: Students planning to transfer to UCSB into a major in biological or physical sciences, economics, engineering, computer science, mathematics, statistics, or psychology must be careful to complete lower-division major preparation courses to ensure competitiveness and make normal, timely progress through the major.

## UC Santa Cruz

For majors in engineering and physical and biological sciences – IGETC is not recommended. Students should ensure completion of lower-division courses for their intended major, as indicated in the UCSC Catalog and on assist.org. (<https://assist.org/>)

### **References:**

- <https://admission.universityofcalifornia.edu/admission-requirements/transfer-requirements/preparing-to-transfer/general-education-igetc/igetc/campus-guidance.html> as published on 5/19/2022.