

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) FOR STEM

IGETC for STEM Majors is applicable only to majors in which the TMC explicitly indicates the availability of the option. As of May 2020, only the AS-T in Chemistry, AS-T in Biology, and AS-T in Environmental Science allow for IGETC for STEM. All courses on IGETC must be completed with a grade of "C" or better (or score of 3 or better on AP tests). Grades of "C-" are not acceptable. Students wishing to use a course to meet an IGETC requirement must be sure that the course is on the IGETC list during the academic year when it is taken. **When substituting a course from another California Community College, check assist.org to verify the course was approved to meet IGETC in that area at the college where the course was taken, in the year it was taken.** IGETC Certification* must be requested prior to transferring. The UC system allows a maximum of 14 semester units graded "Pass/No-Pass." *Courses on this list change from year to year. Always check on the IGETC list on ASSIST.org for Oxnard College before registering for a course.*

IGETC for STEM 2024-2025

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	College Composition	4
or ENGL R101H	Honors: College Composition	

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	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 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
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
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
COMM R102	Introduction to Communication Studies	3
COMM R111	Interpersonal Communication	3
COMM R113	Intercultural Communication	3
ECE R102	Child Growth and Development	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			
POLS R108	Comparative Politics	3			
POLS R120	Political Theory	3			
POLS R125	U.S. Foreign Policy and Covert Action	3			
or POLS R125H	Honors: U.S. Foreign Policy and Covert Action				
PSY R101	General Psychology	3			
or PSY R101H	Honors: General Psychology				
PSY R104	Research Methods in Psychology	3			
PSY R108	Developmental Psychology	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 V104	Foundations of General, Organic, and Biochemistry	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
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
CHEM R104	General, Organic, and Biological Chemistry	5
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.